

FIG. 1

095330-051101

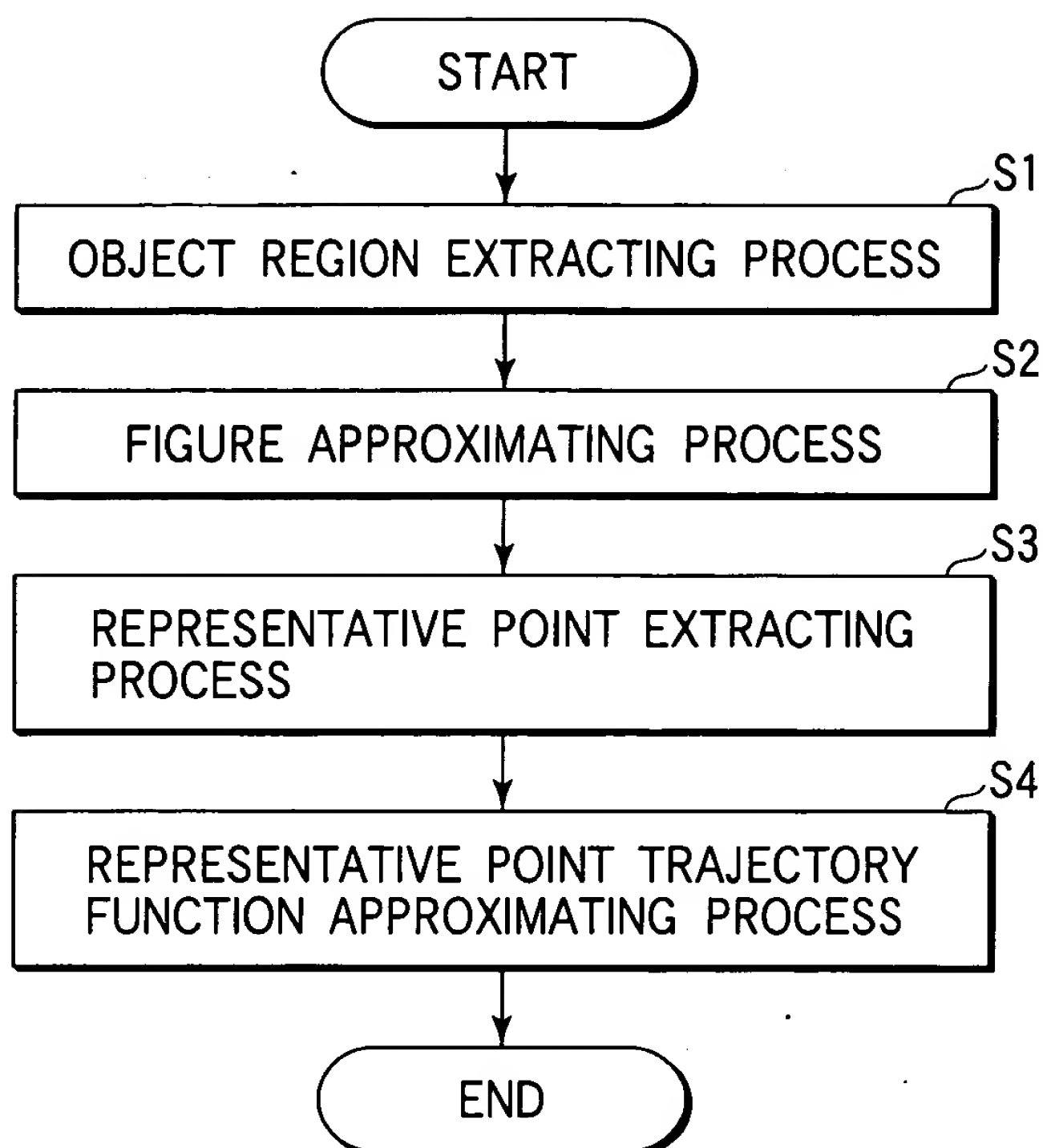


FIG. 2

0953630-05101

FIG. 3A

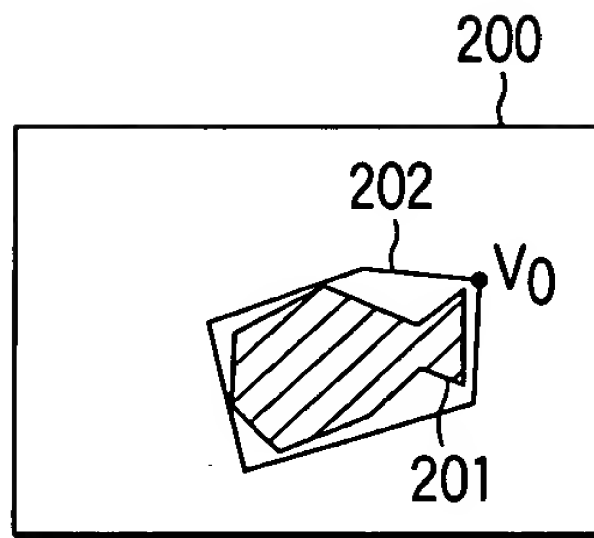


FIG. 3B

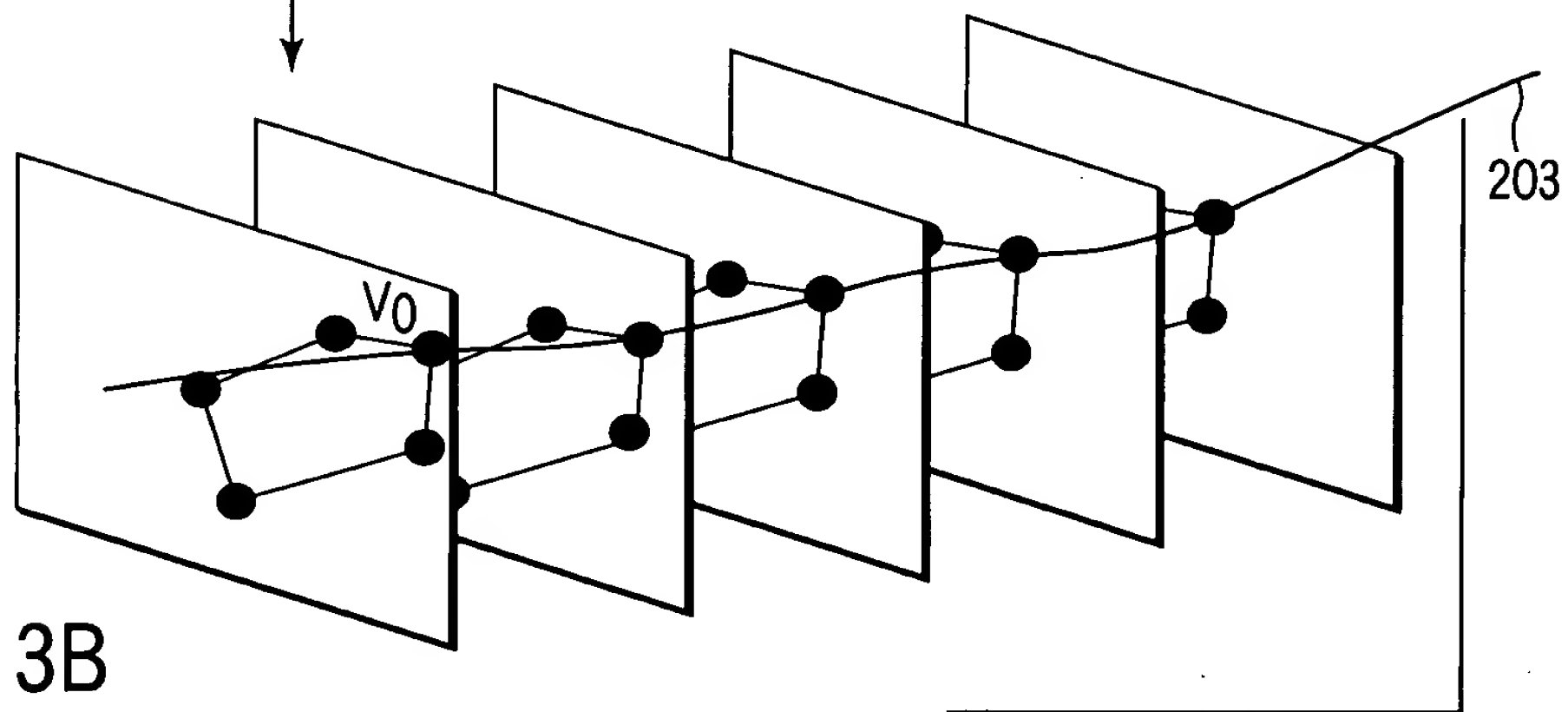


FIG. 3C

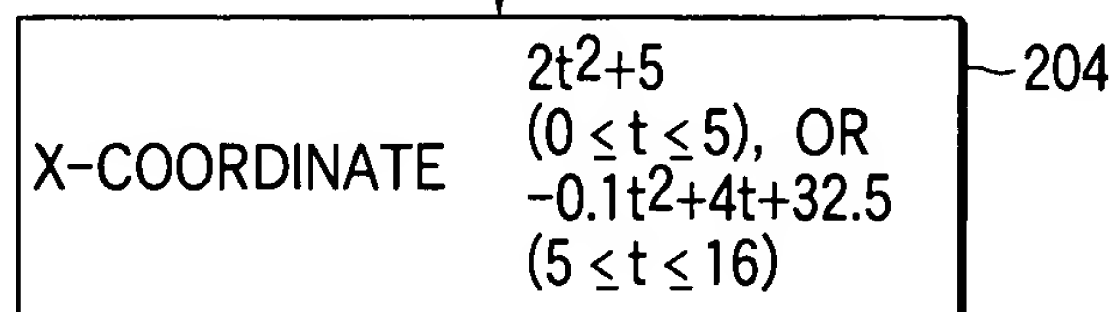


FIG. 3A

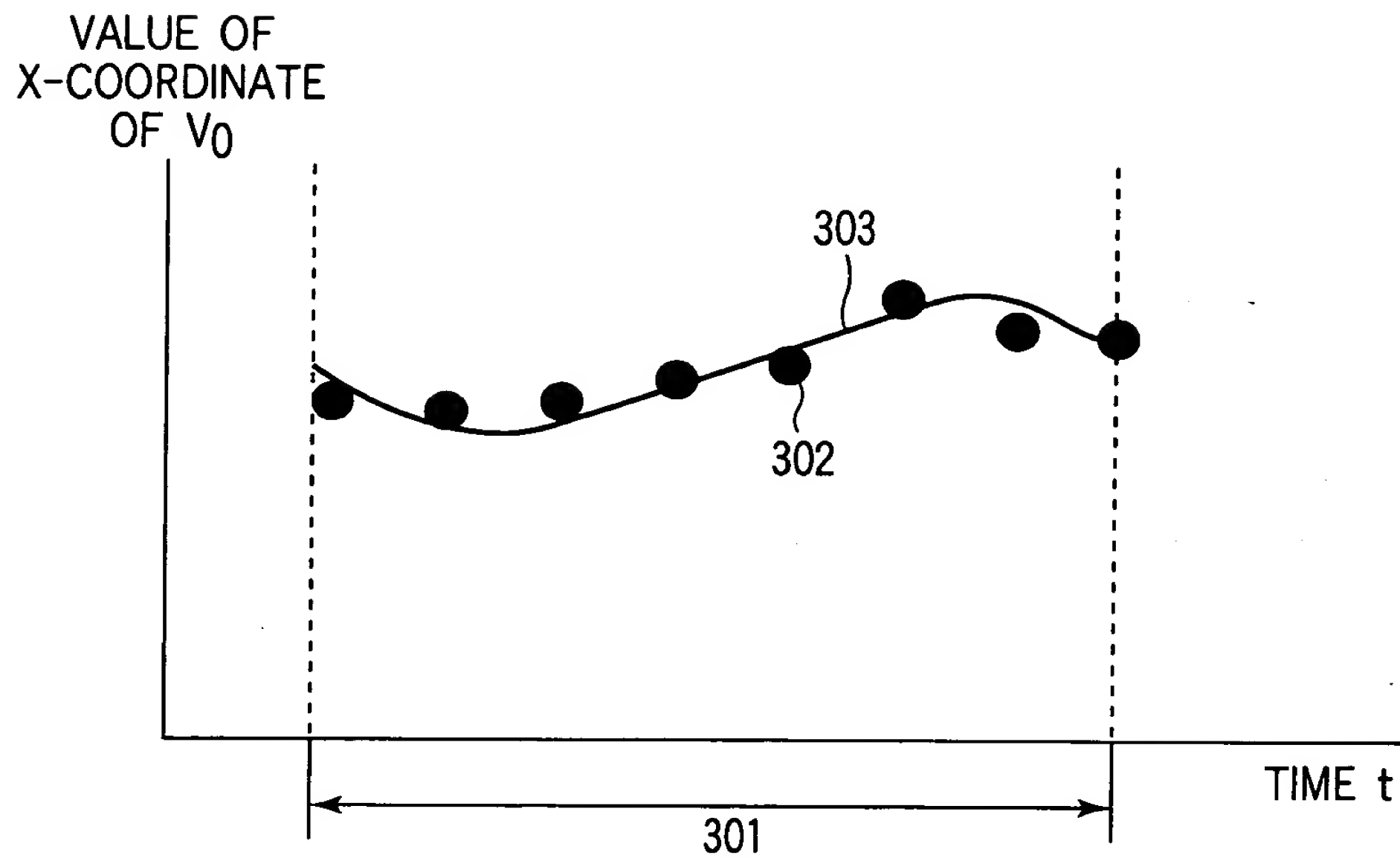


FIG. 4

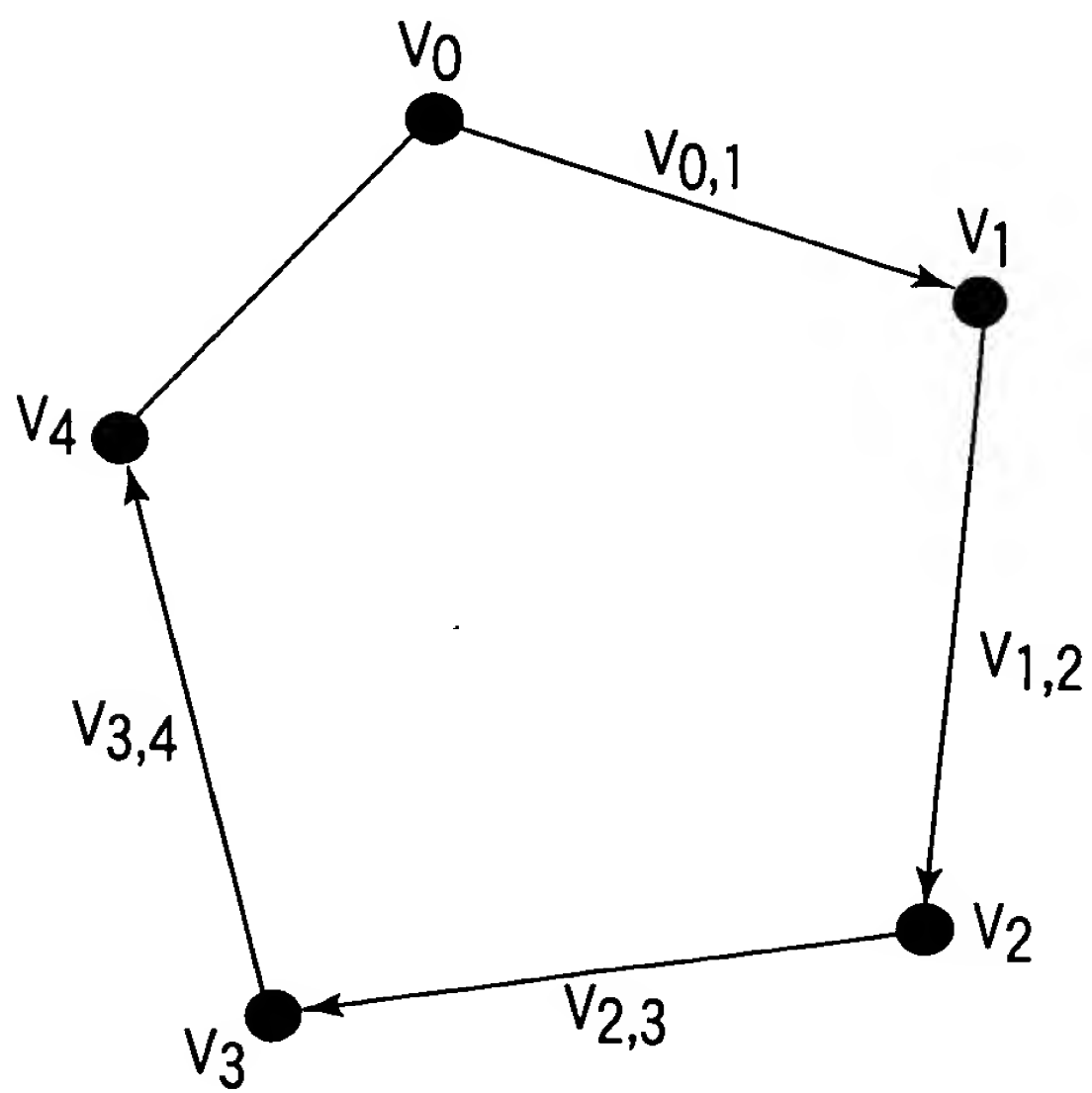


FIG. 5

03852620-051101

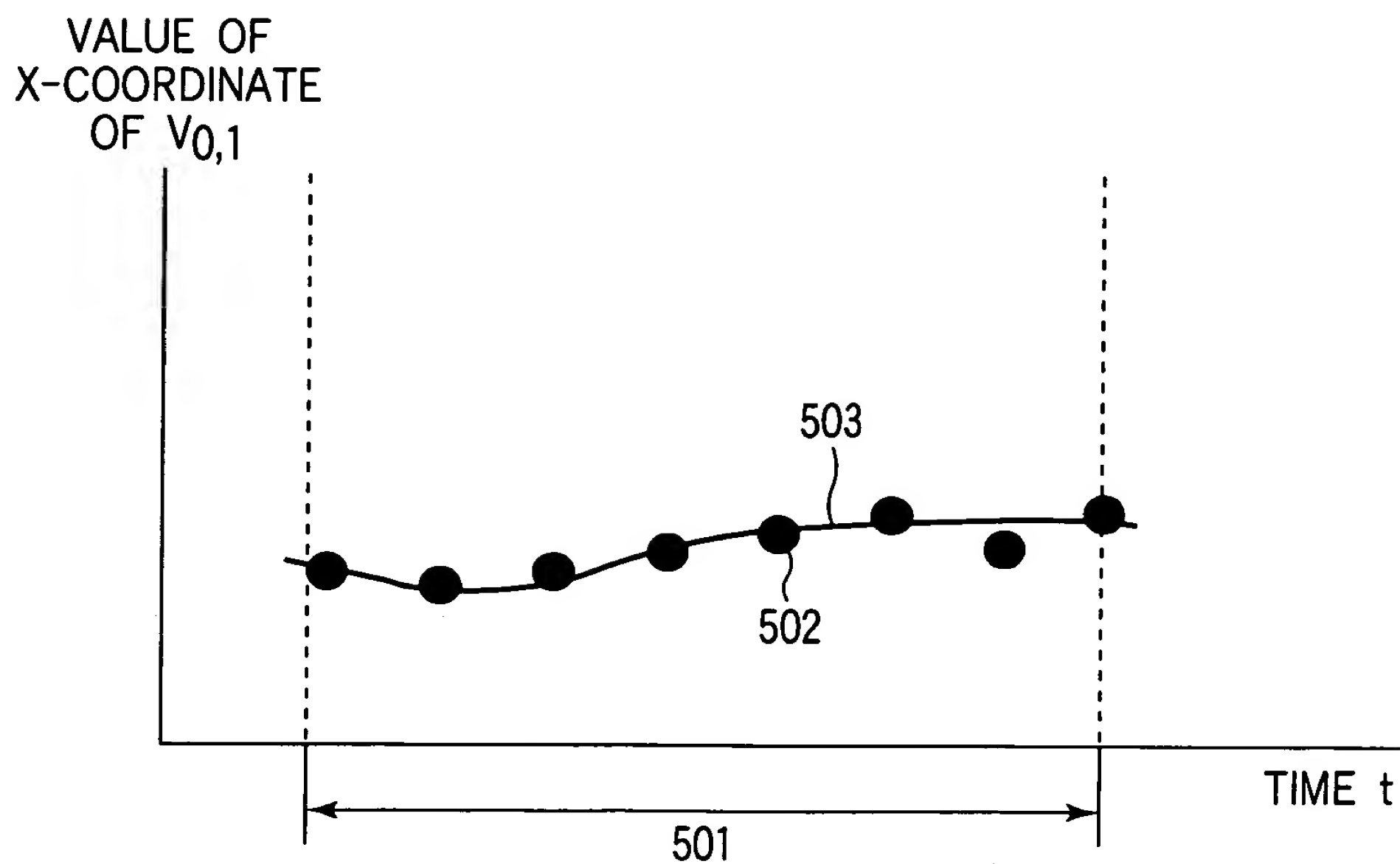


FIG. 6

FIGURE TYPE ID	700
OBJECT APPEARING TIME	701
OBJECT EXISTING TIME PERIOD	702
NUMBER OF REPRESENTATIVE POINTS M	703
REPRESENTATIVE POINT TRAJECTORY (1)	704
REPRESENTATIVE POINT TRAJECTORY (2)	
⋮	
REPRESENTATIVE POINT TRAJECTORY (M)	

FIG. 8

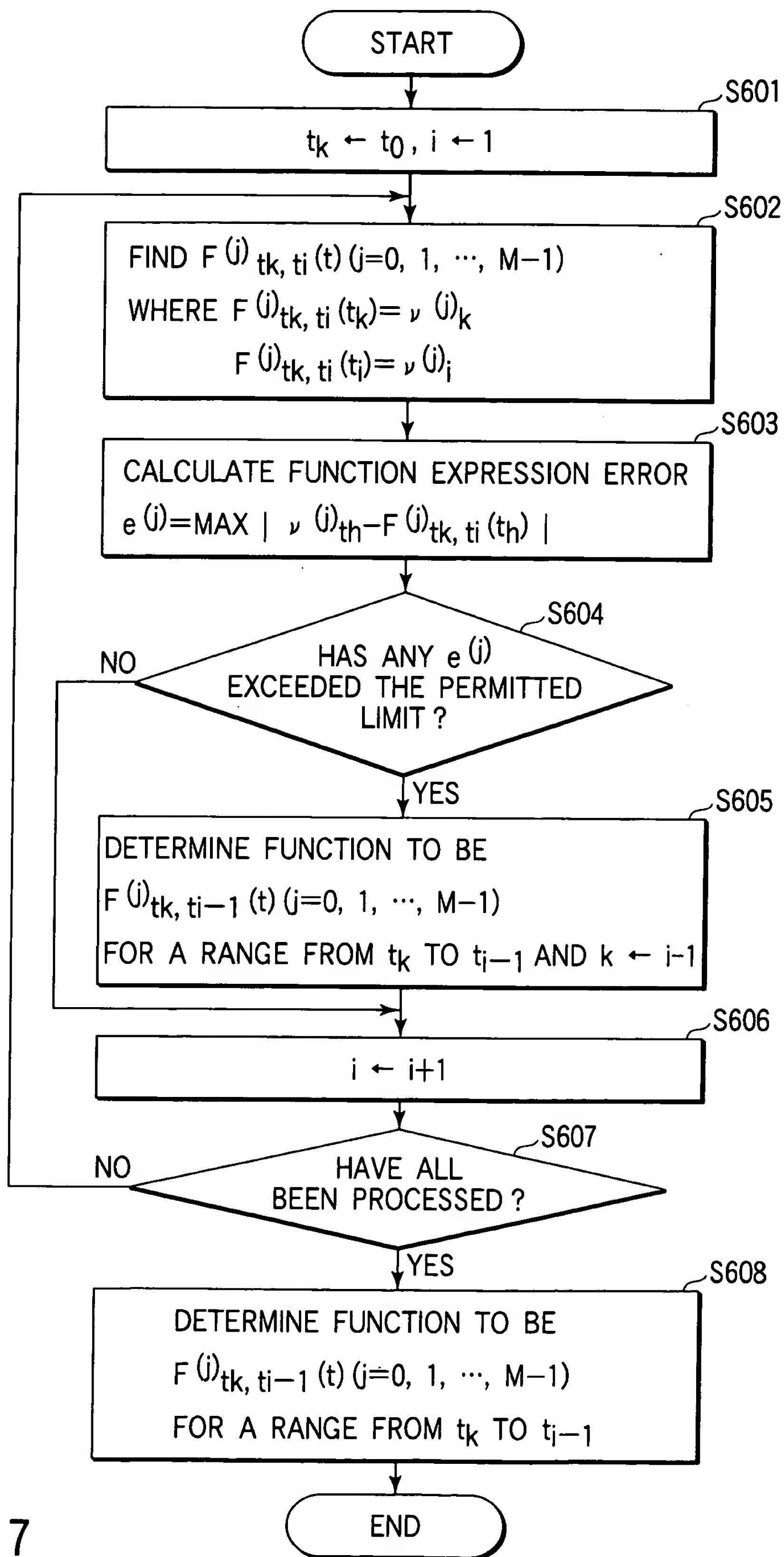


FIG. 7

0952520 02925860

REPRESENTATIVE POINT
TRAJECTORY

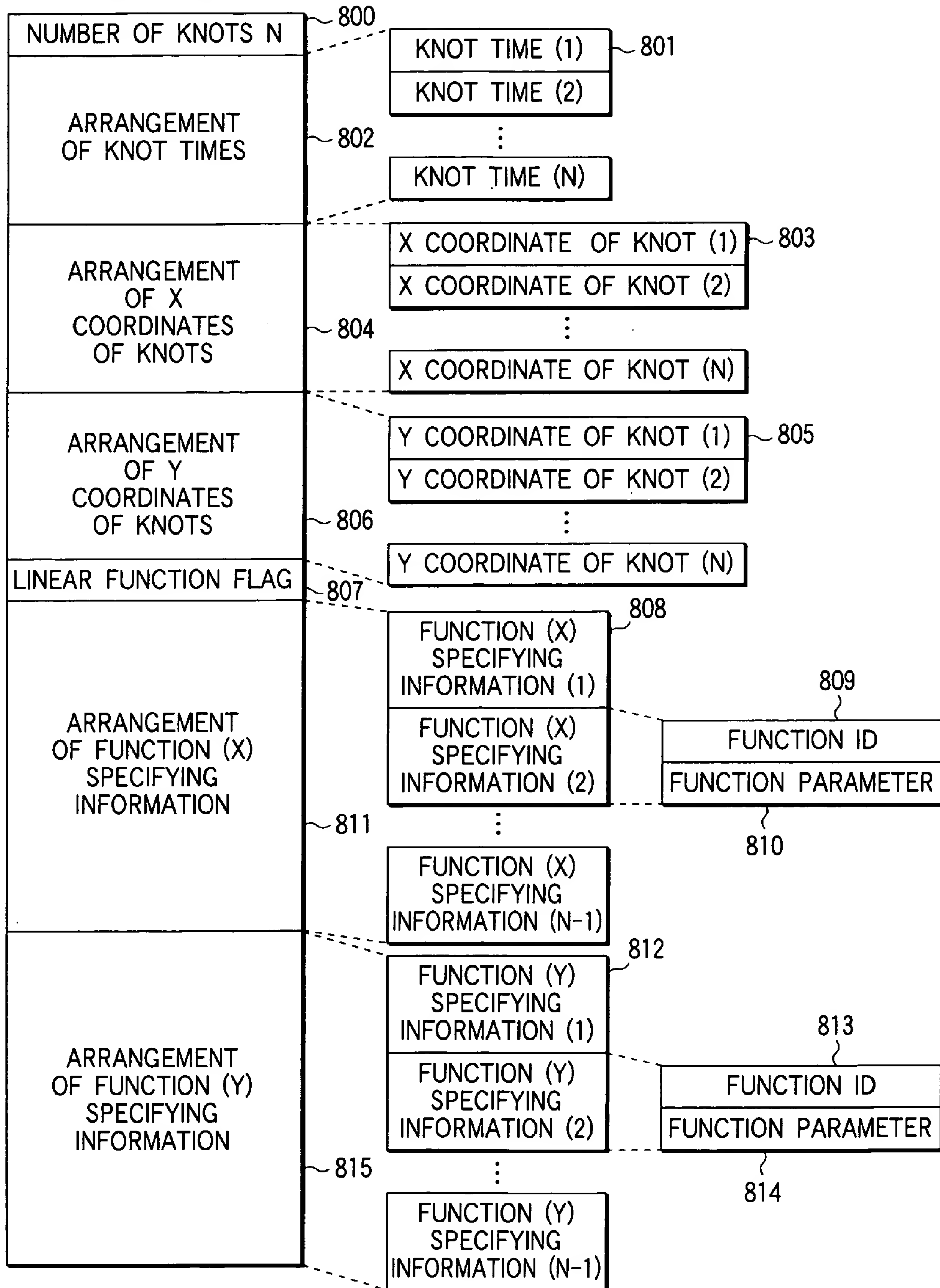


FIG. 9

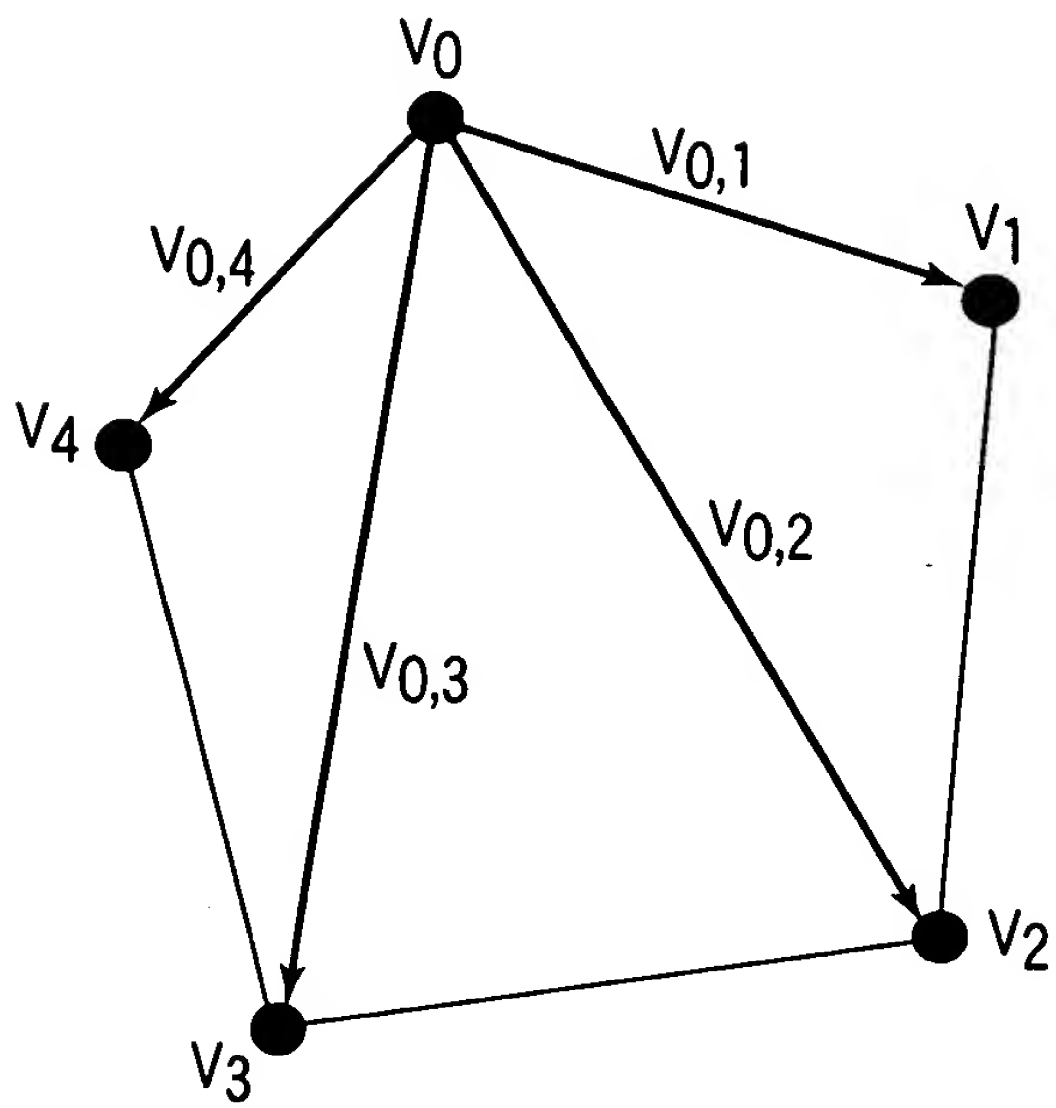


FIG. 10

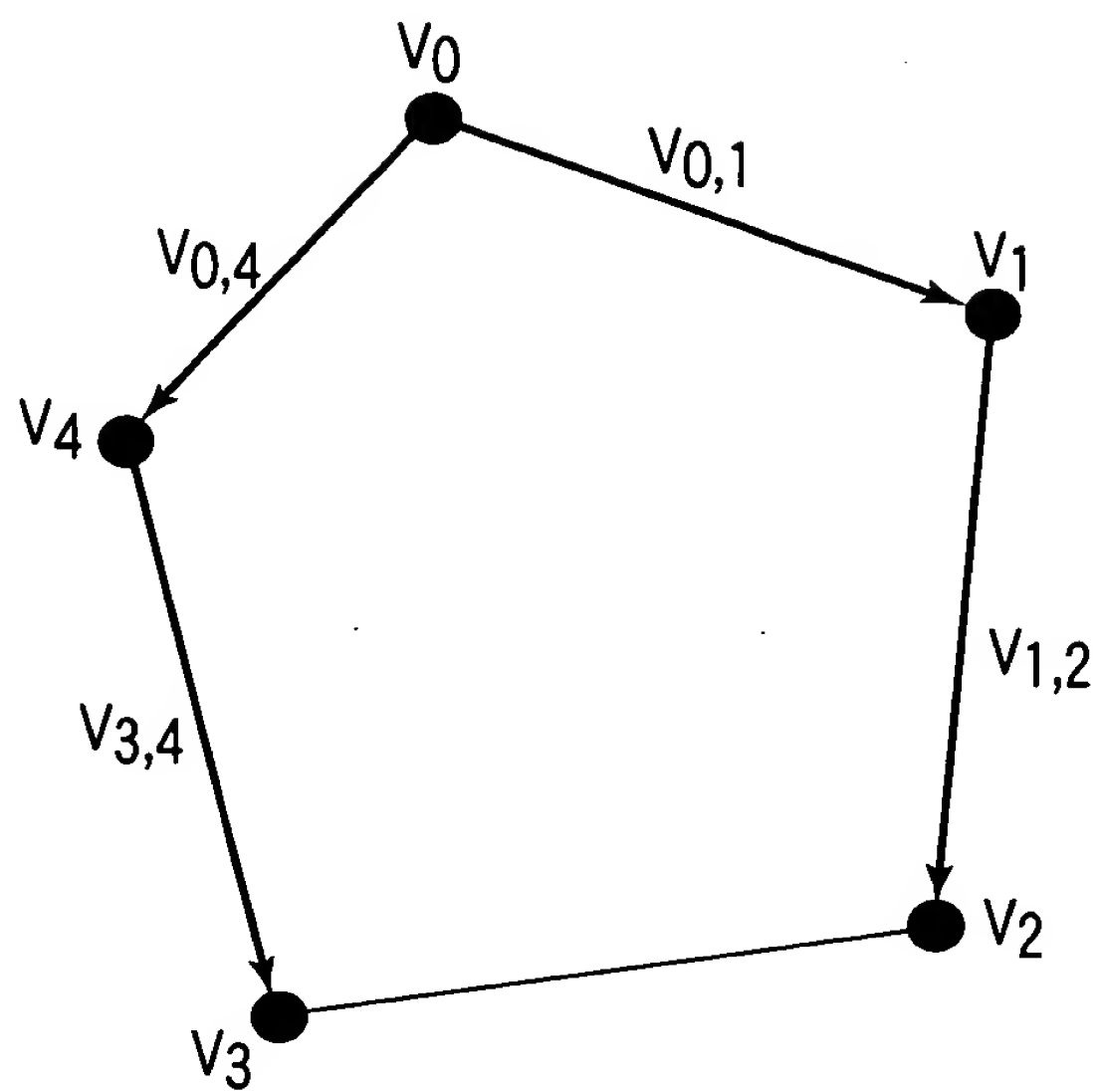


FIG. 11A

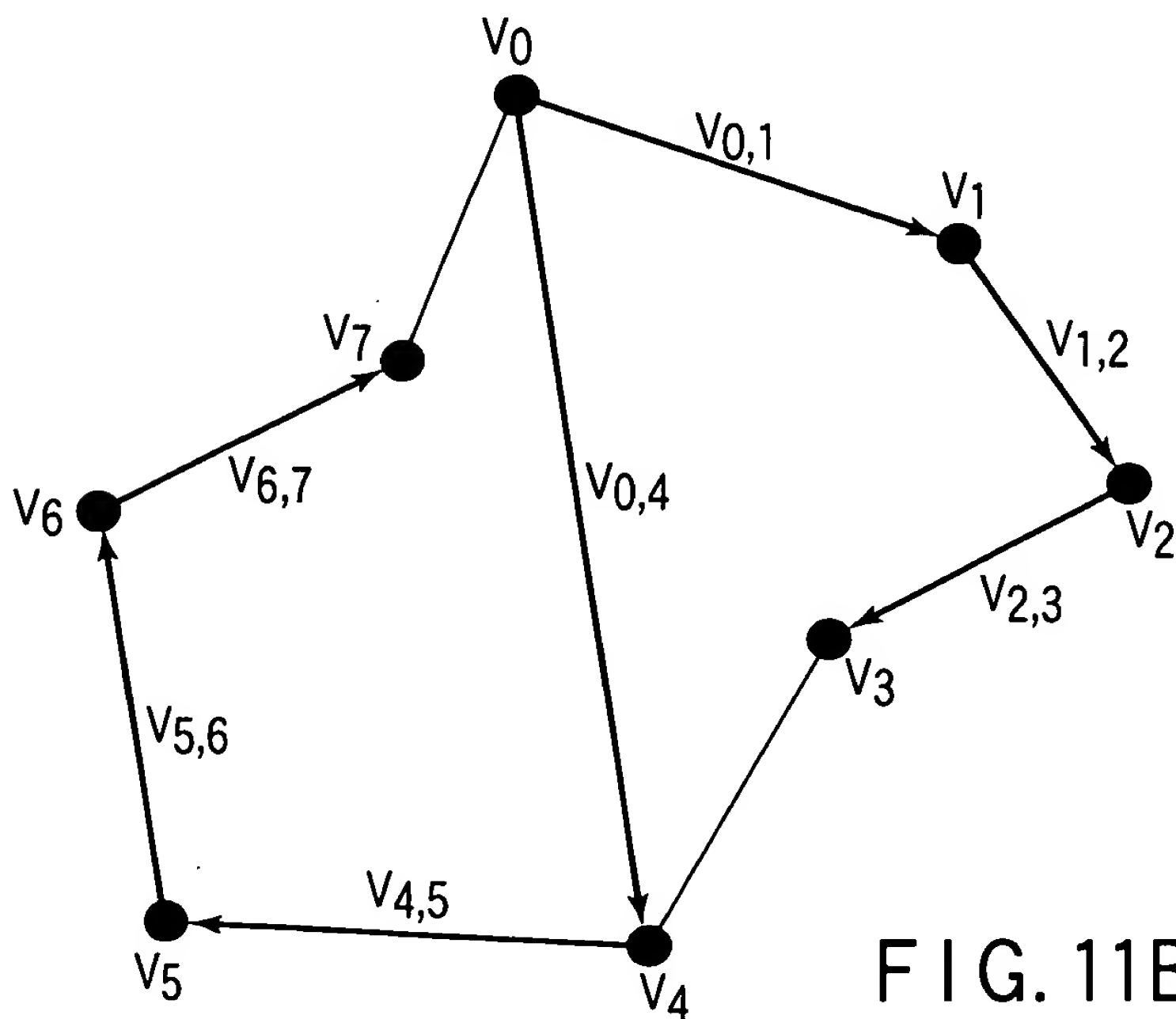


FIG. 11B

09352620-051101

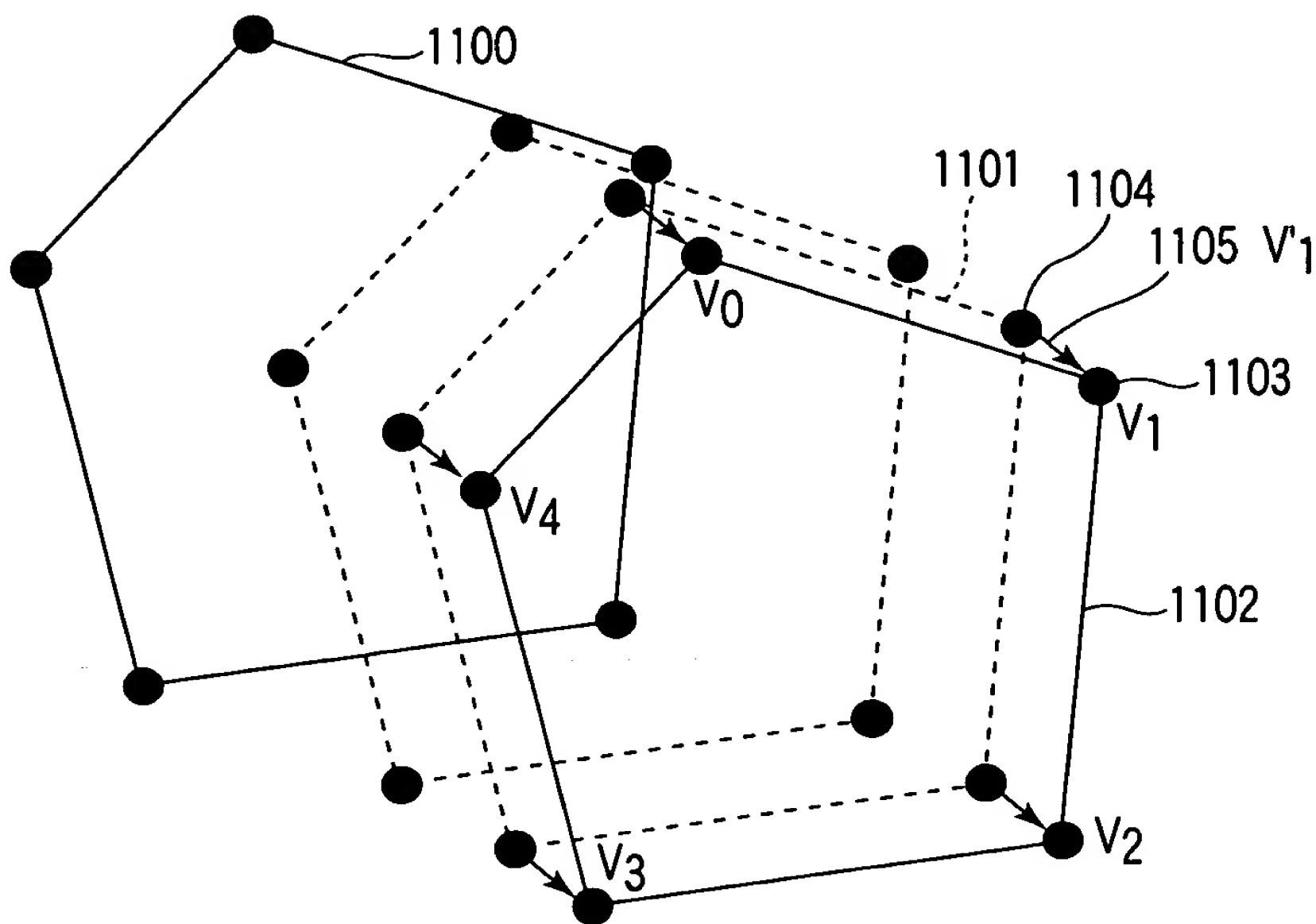


FIG. 12

FIGURE TYPE ID	700
OBJECT APPEARING TIME	701
OBJECT EXISTING TIME PERIOD	702
NUMBER OF REPRESENTATIVE POINTS M	703
REPRESENTATIVE POINT INITIAL POSITION	1200
REPRESENTATIVE POINT TRAJECTORY (1)	704
REPRESENTATIVE POINT TRAJECTORY (2)	
⋮	
REPRESENTATIVE POINT TRAJECTORY (M)	

FIG. 13

09852520-051101

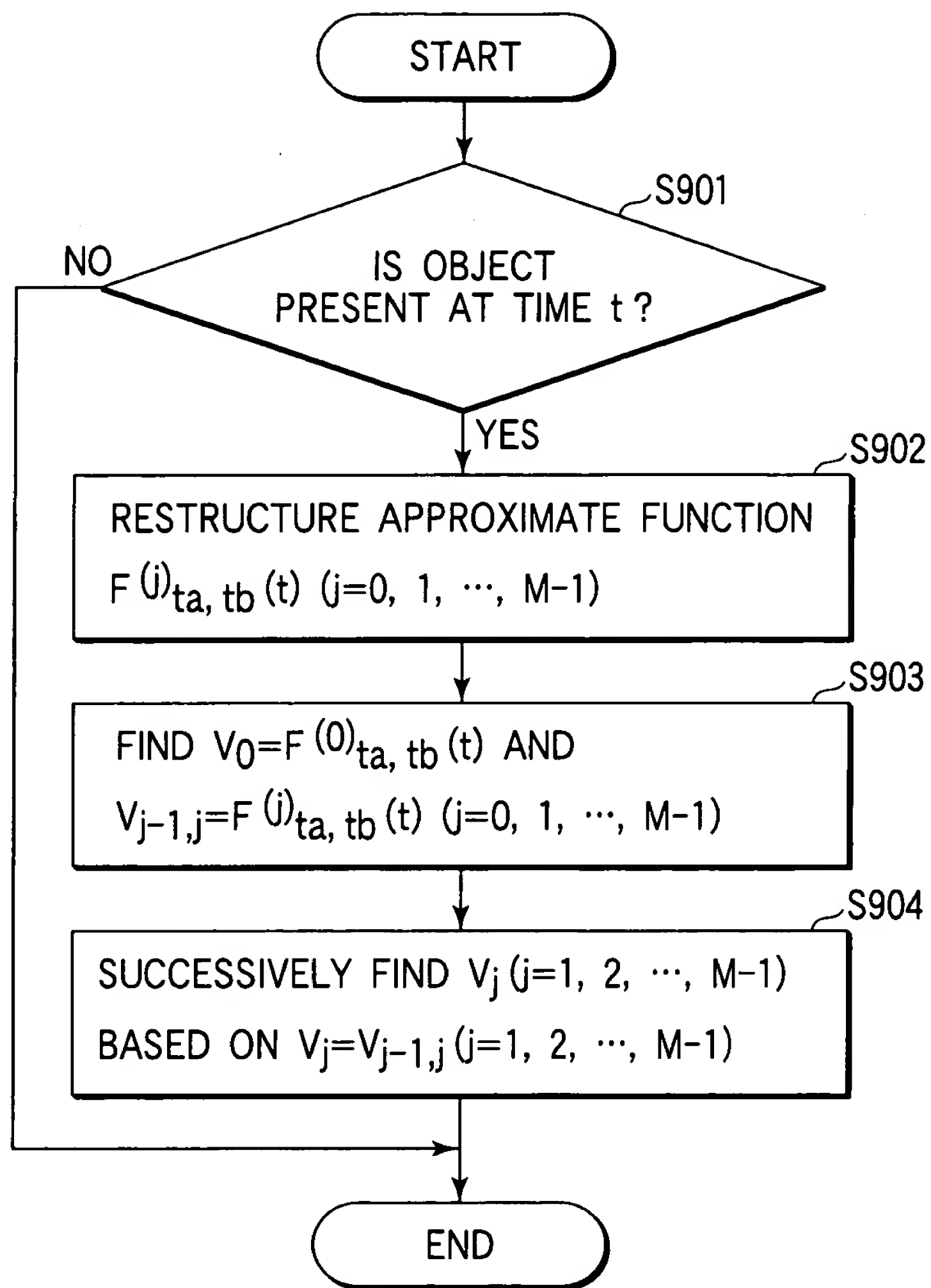


FIG. 14

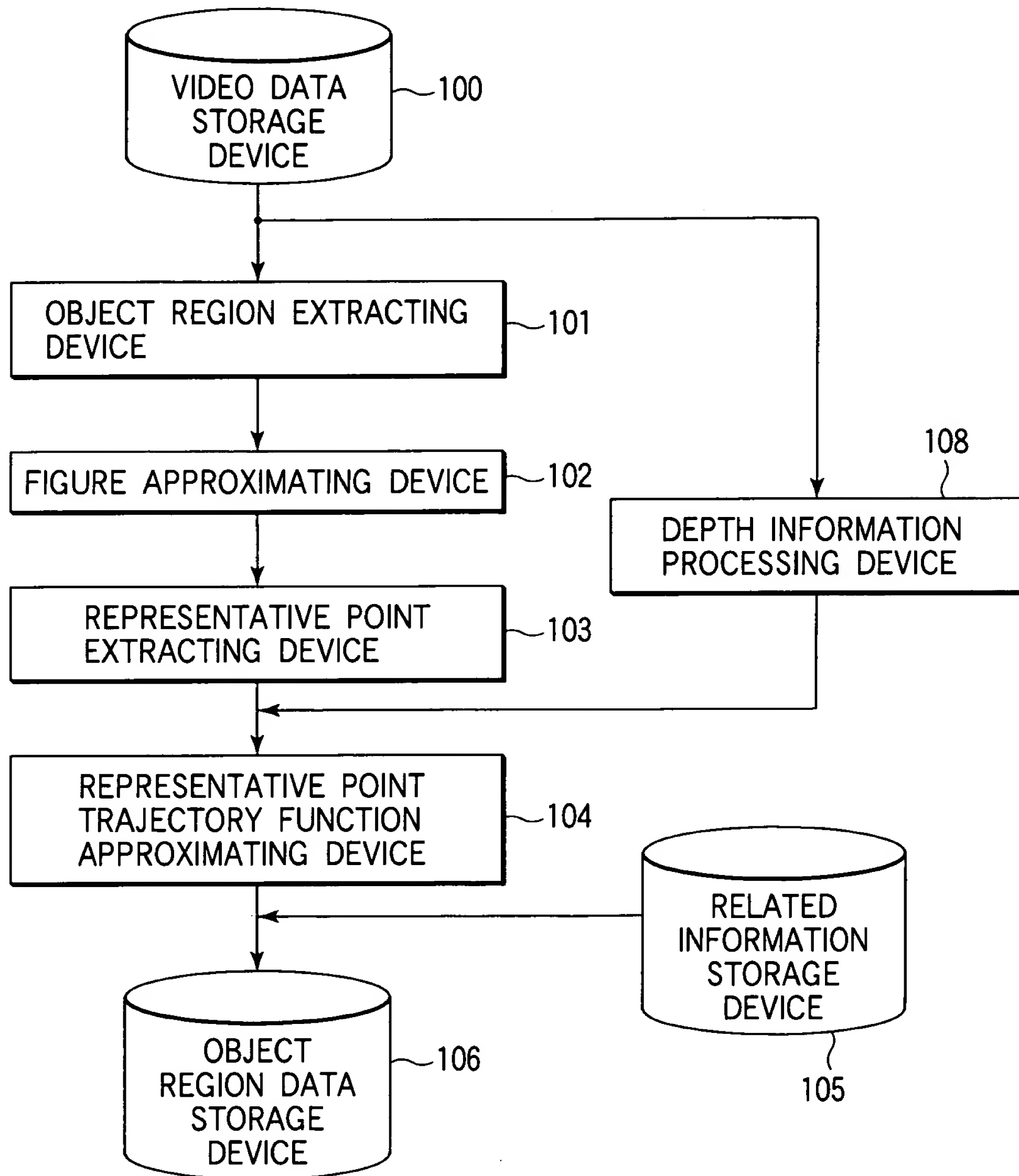


FIG. 15

09852620.053101

REPRESENTATIVE
POINT TRAJECTORY

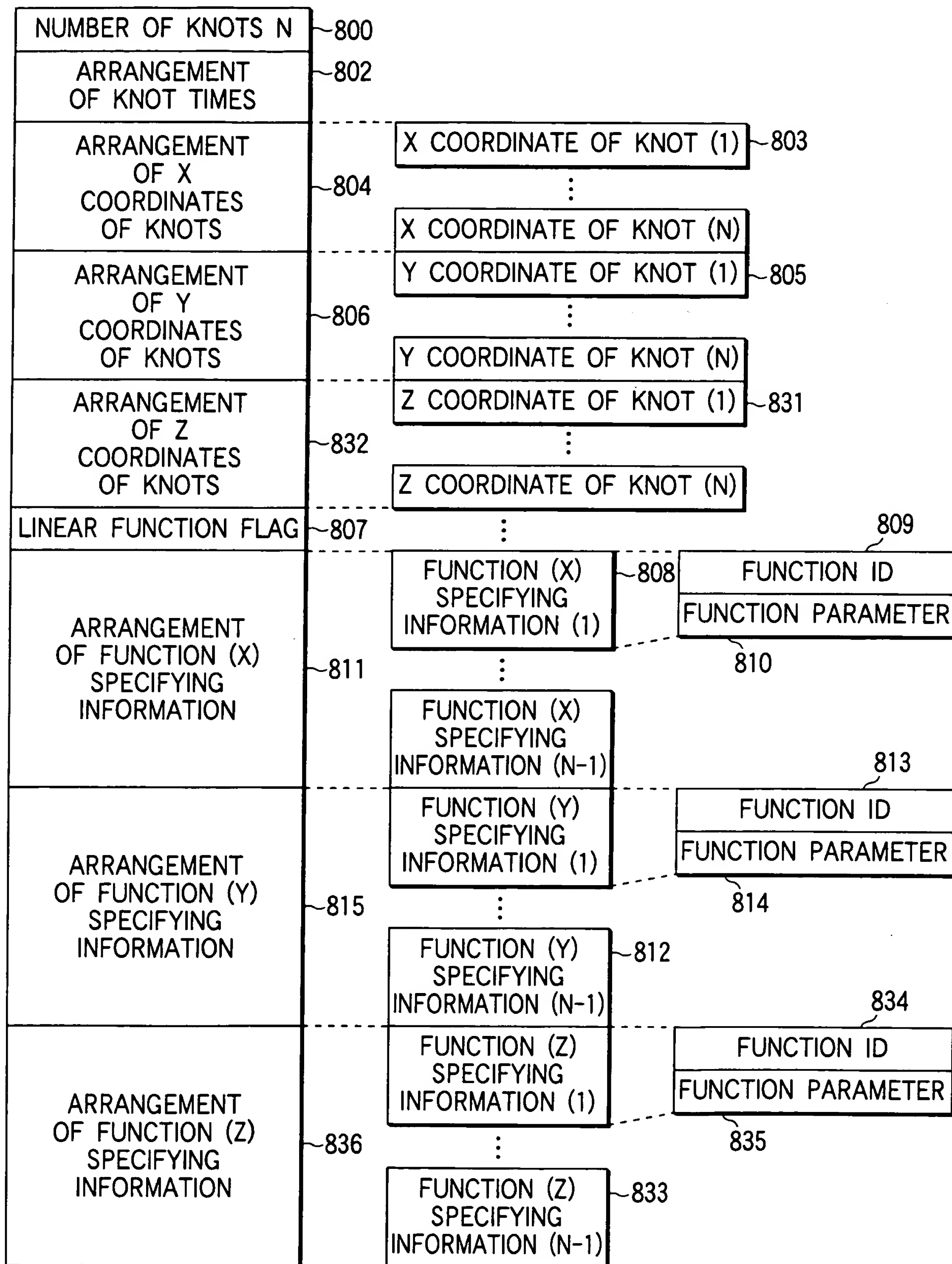


FIG. 16

FIGURE TYPE ID	700
OBJECT APPEARING TIME	701
OBJECT EXISTING TIME PERIOD	702
NUMBER OF REPRESENTATIVE POINTS M	703
REPRESENTATIVE POINT TRAJECTORY (1)	704
REPRESENTATIVE POINT TRAJECTORY (2)	
⋮	
REPRESENTATIVE POINT TRAJECTORY (M)	
DEPTH INFORMATION	705

FIG. 17

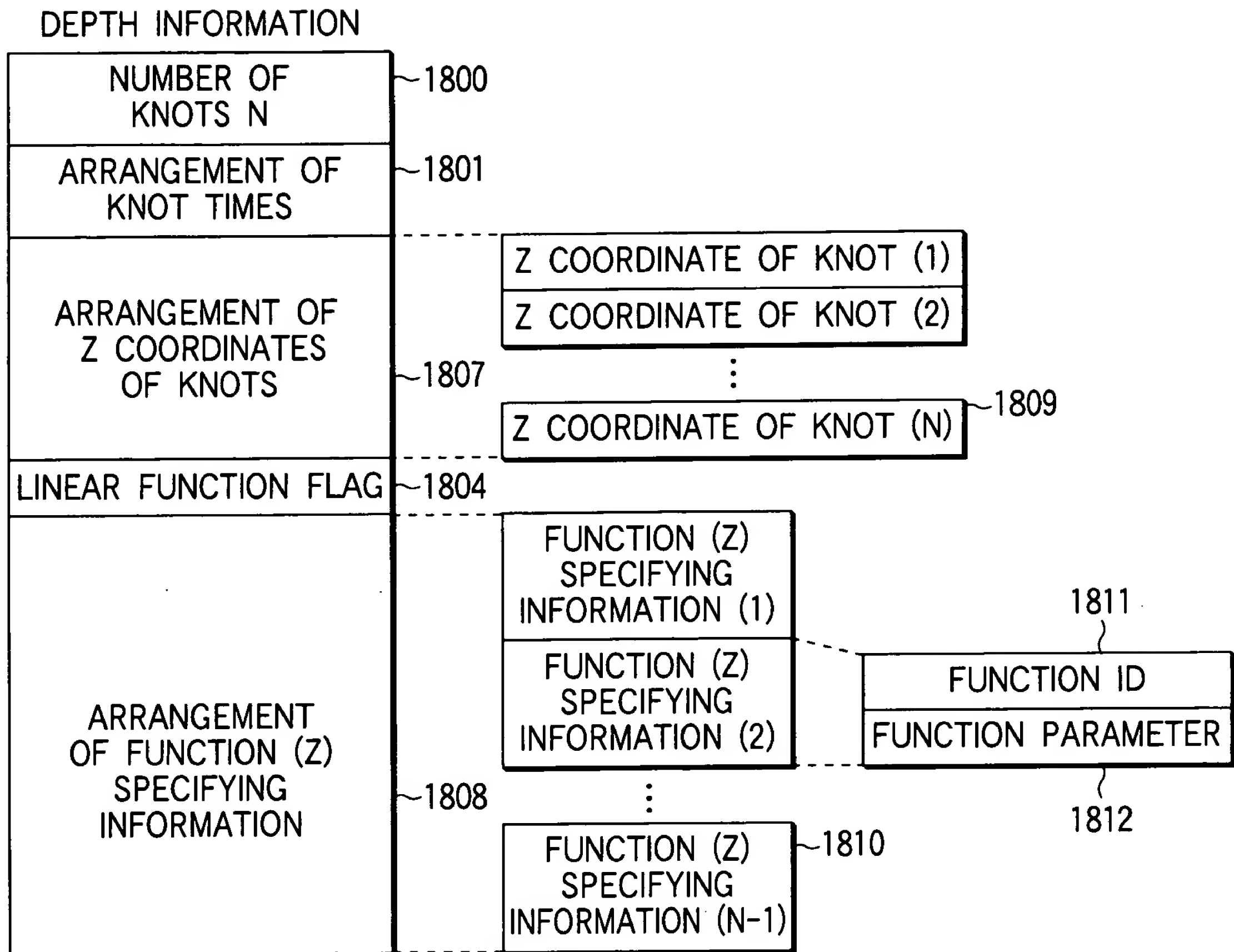


FIG. 18

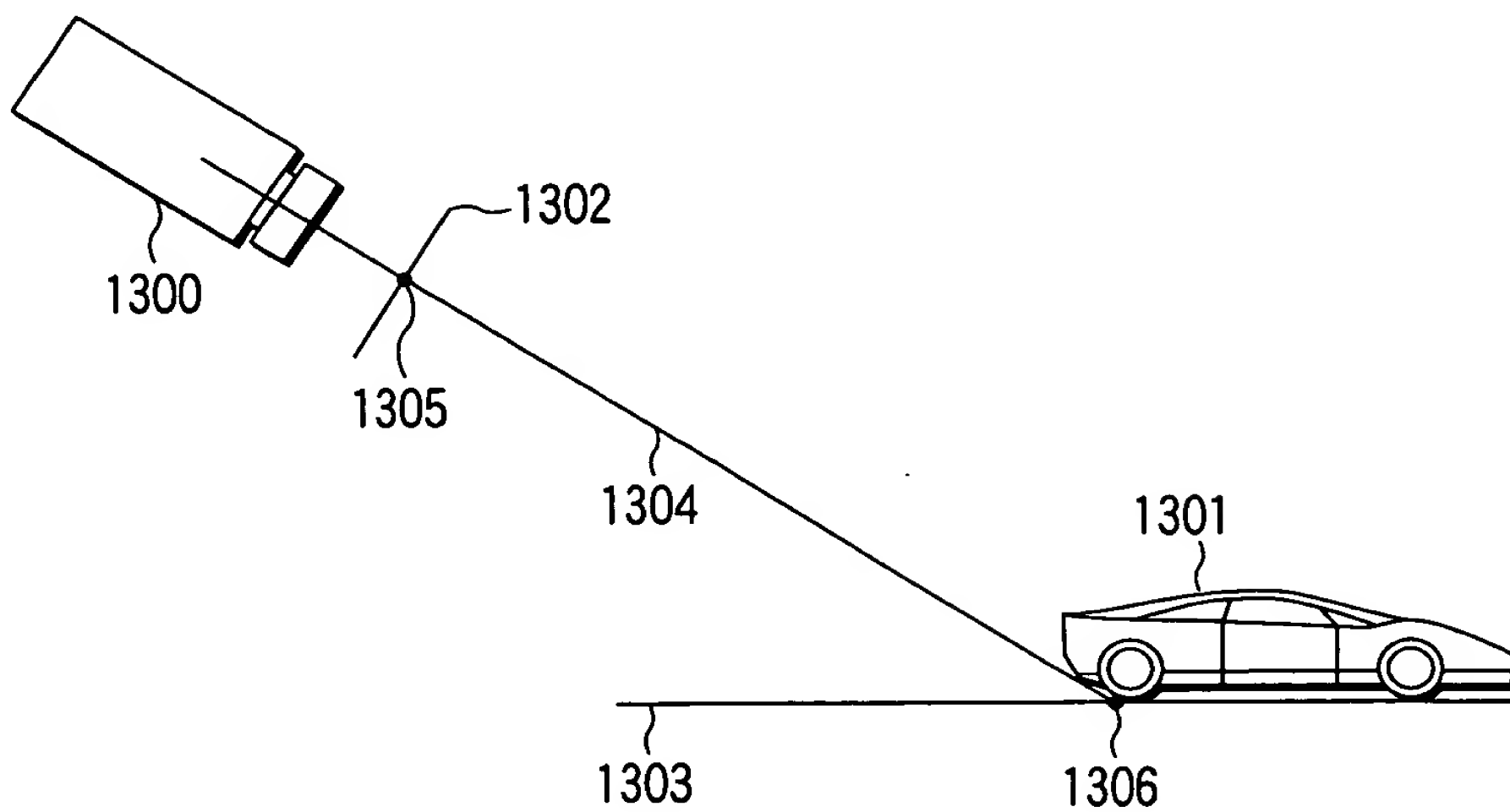


FIG. 19

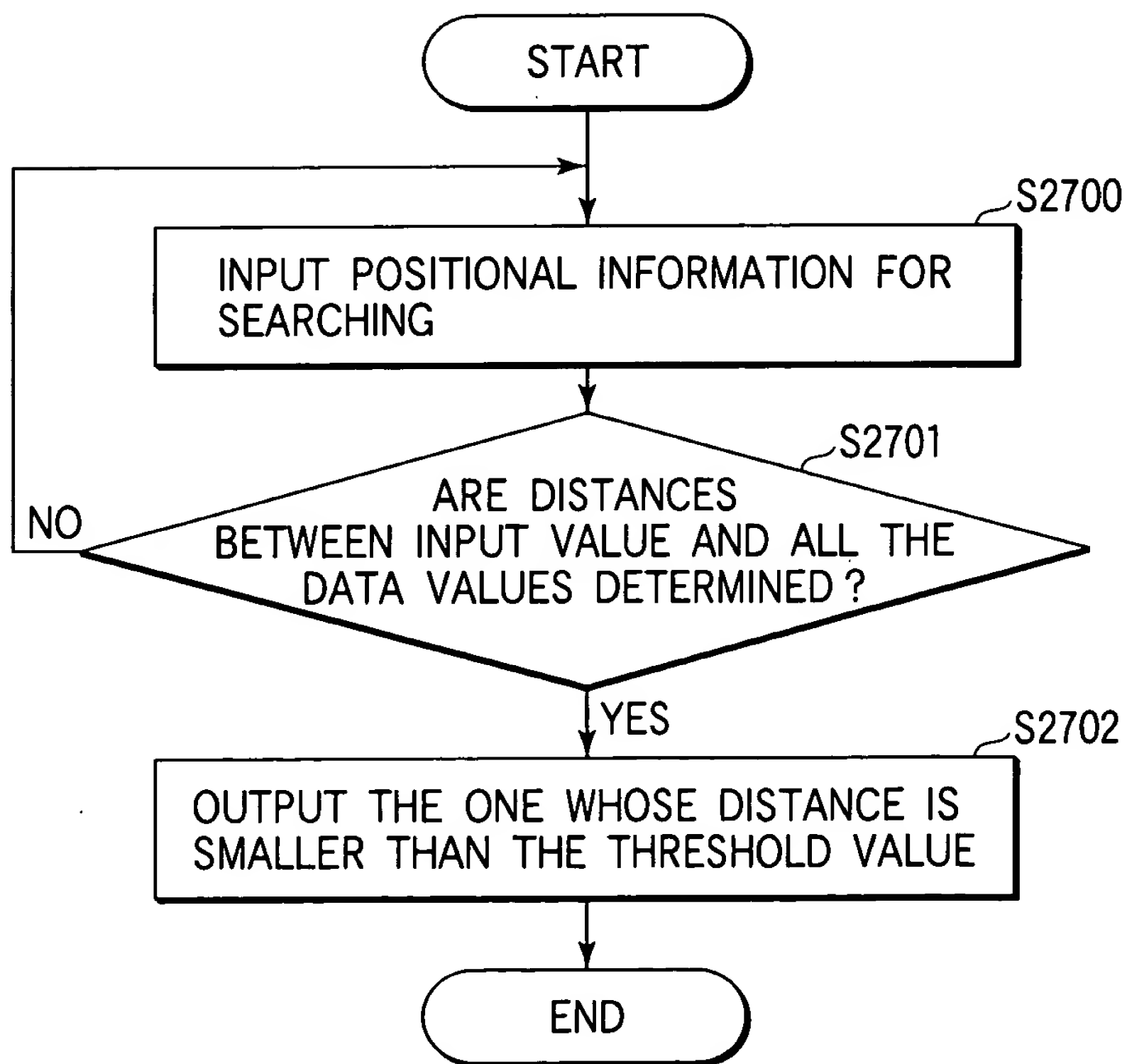


FIG. 20

20080510-02925860

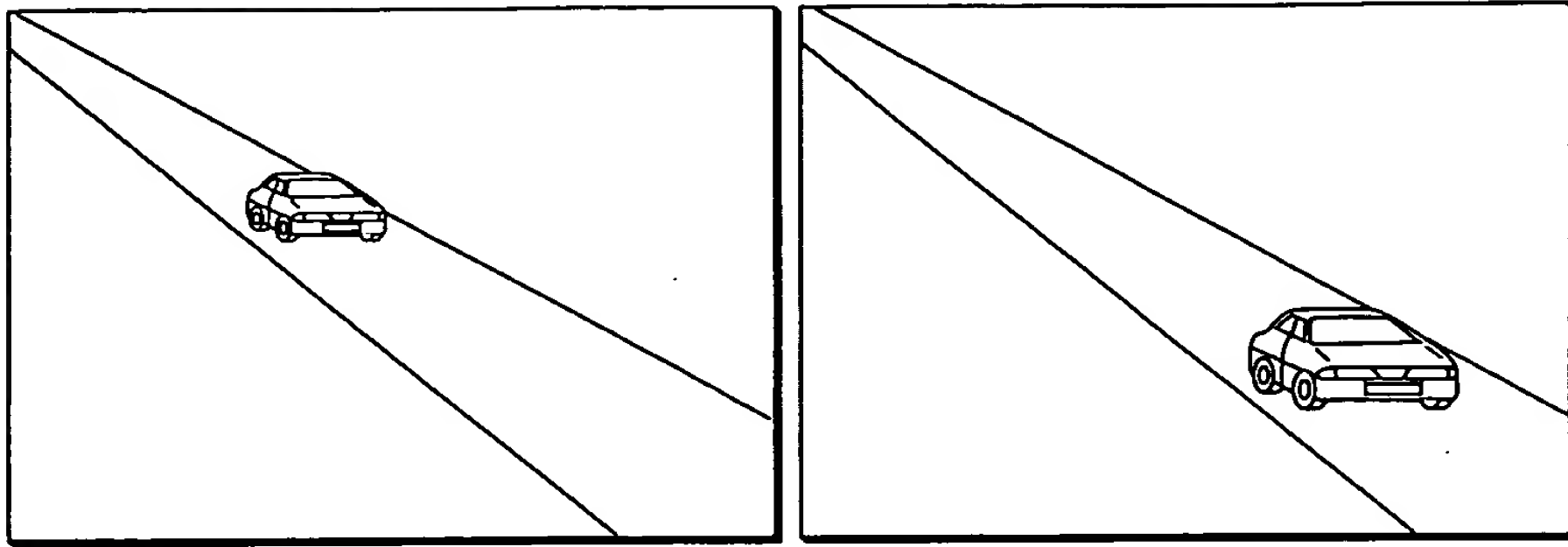


FIG. 21A

FIG. 21B

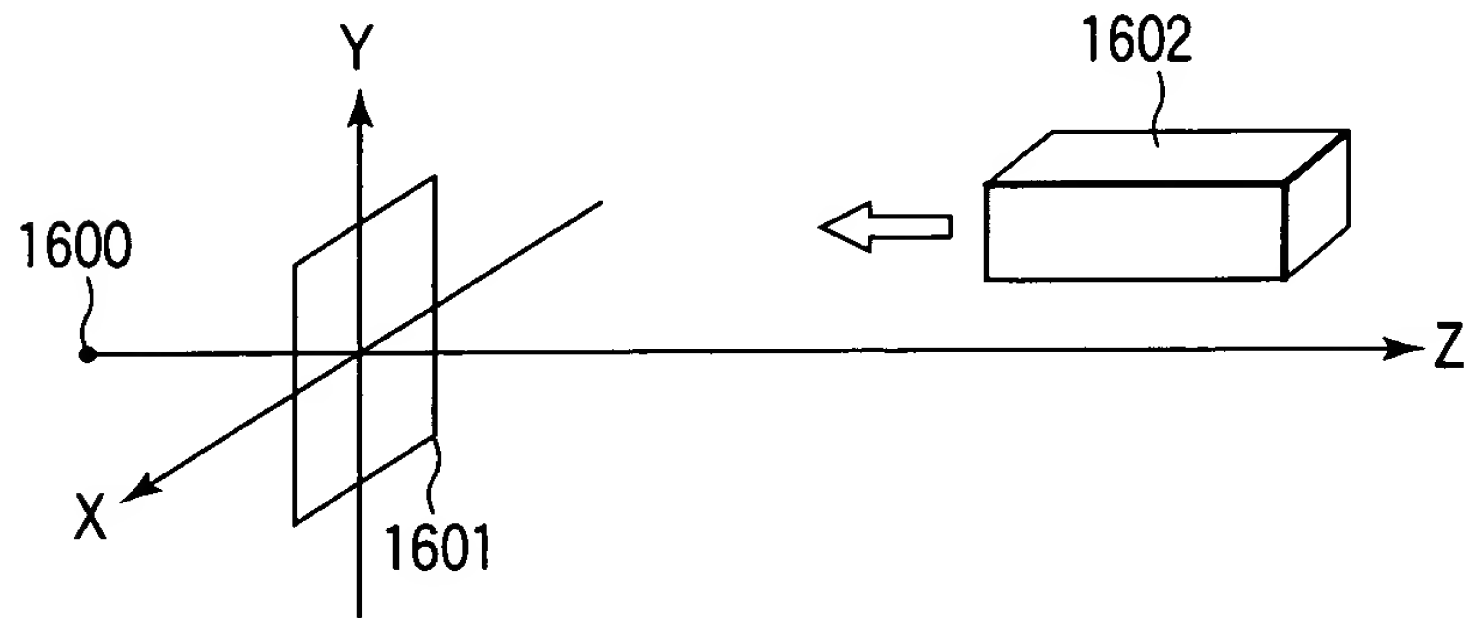


FIG. 22

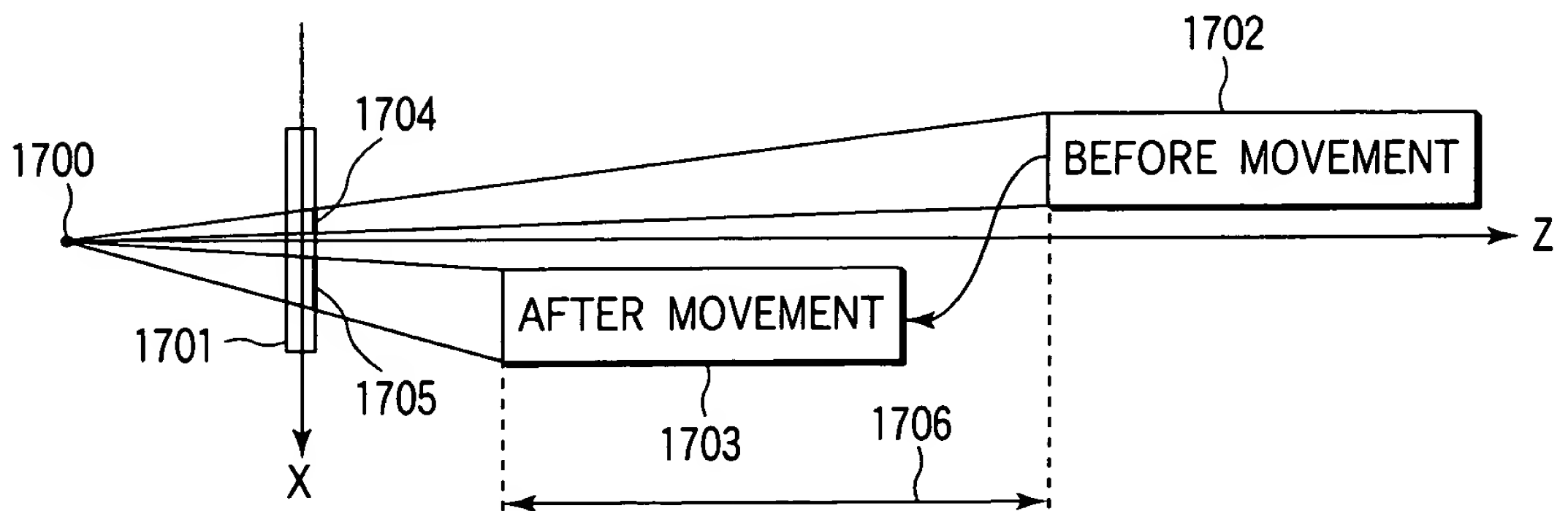


FIG. 23

0952620-05101

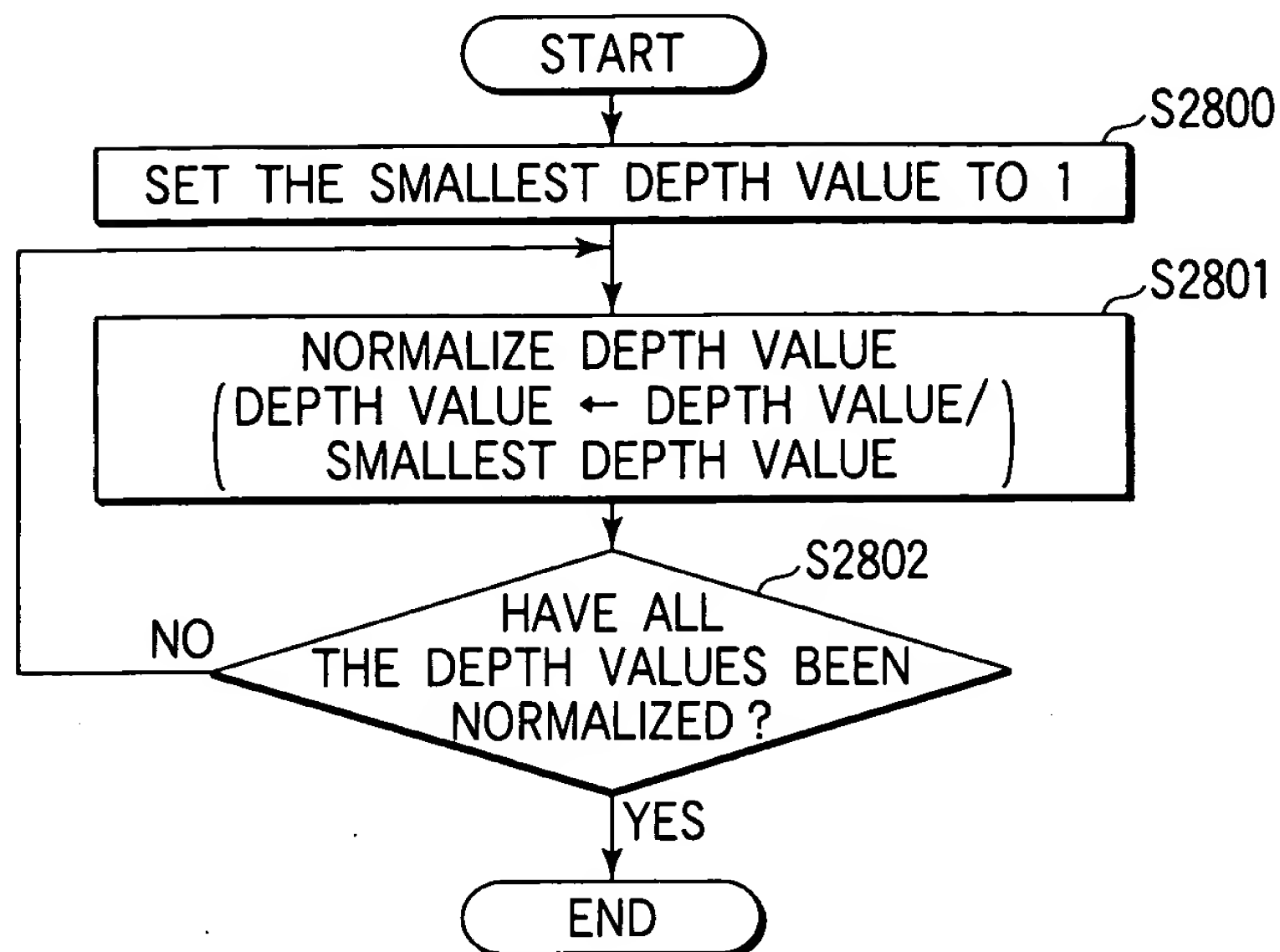


FIG. 24

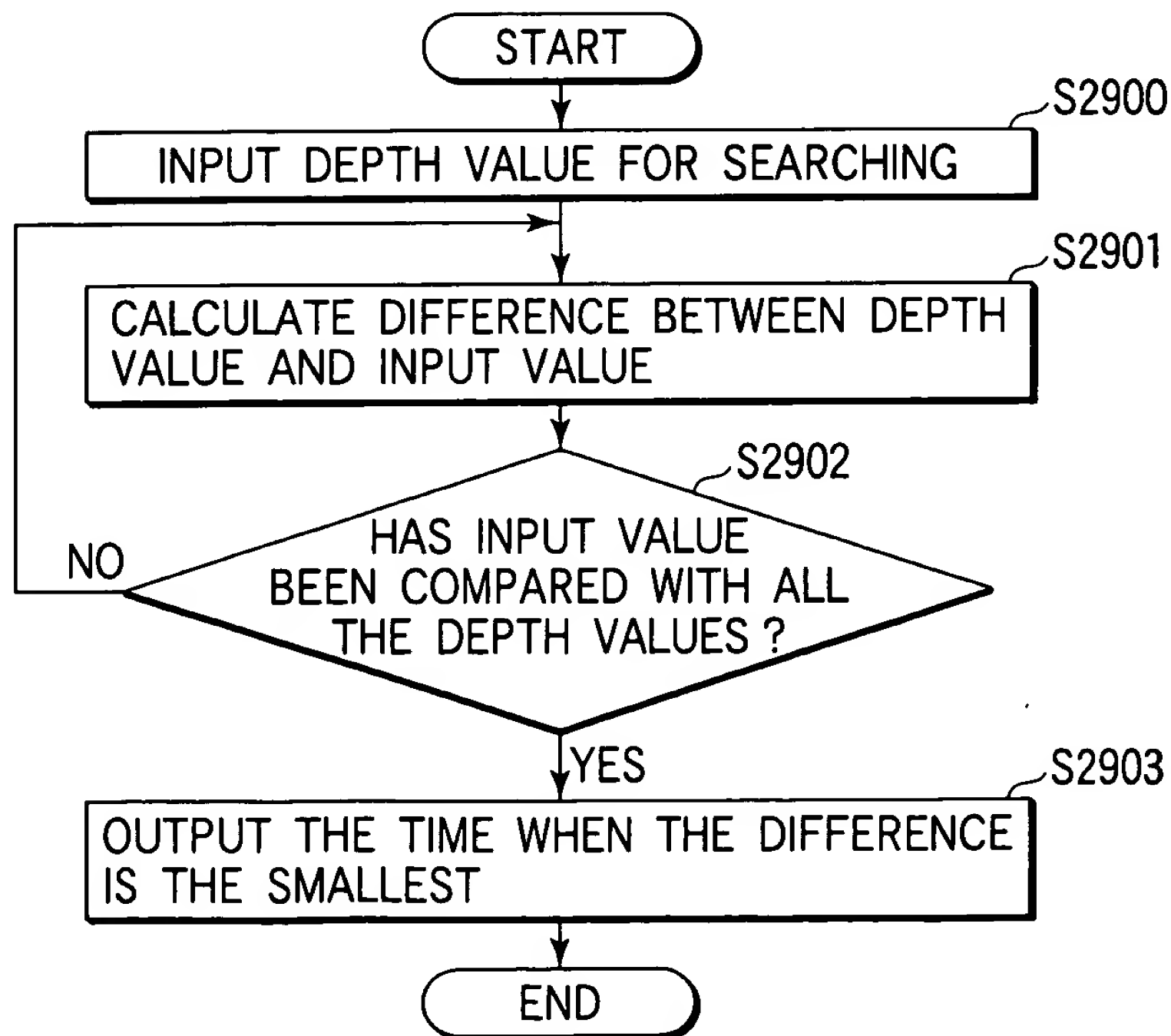


FIG. 25

FIG. 24

FIG. 26A

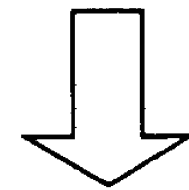
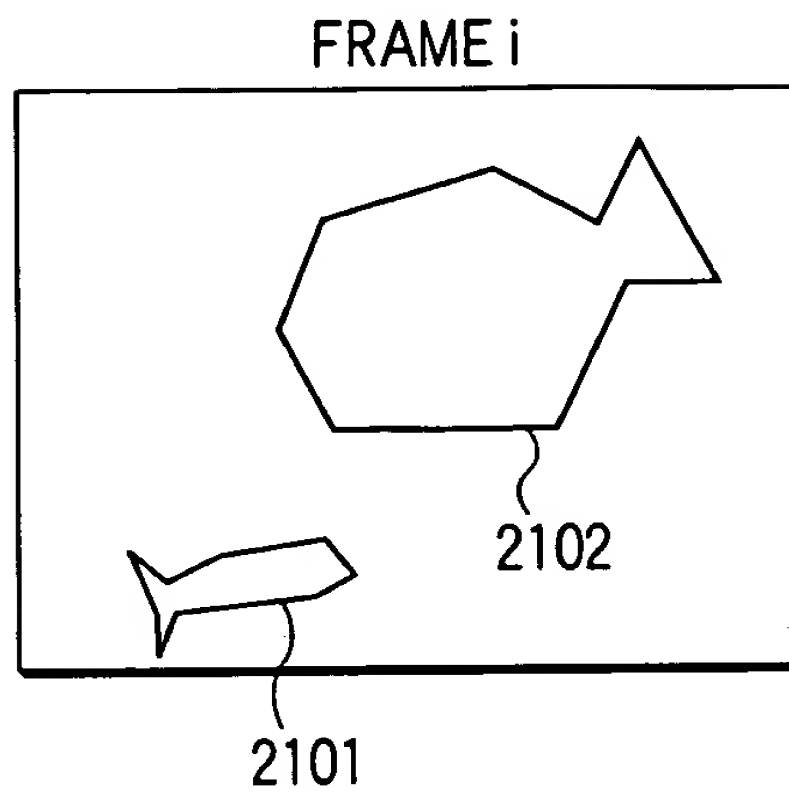


FIG. 26B

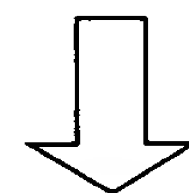
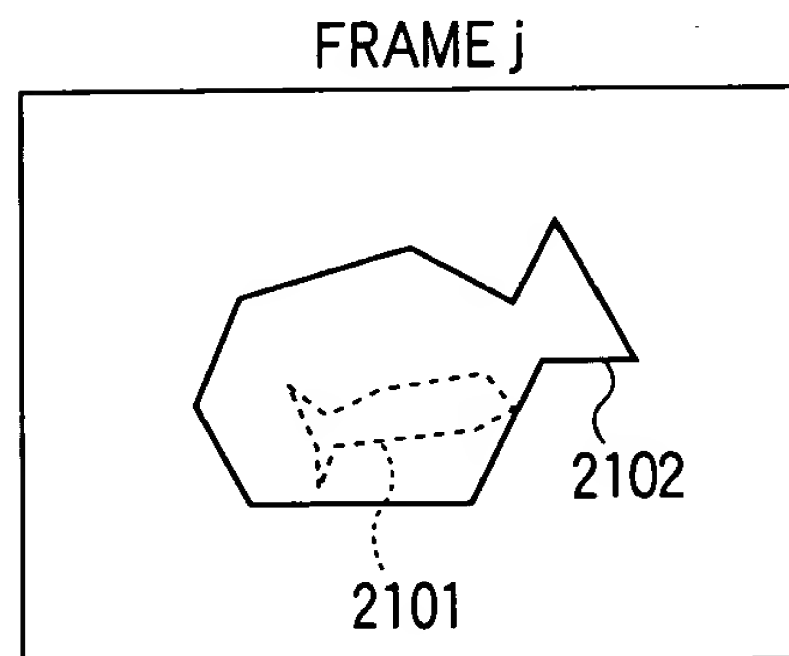
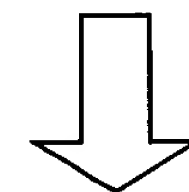
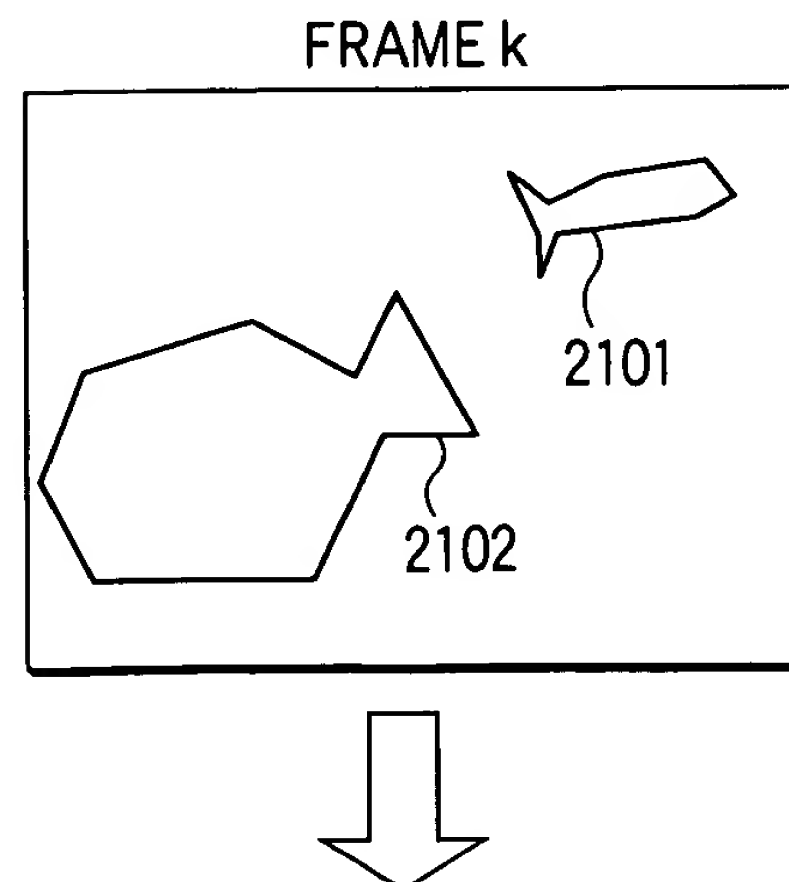


FIG. 26C



09852620-051101

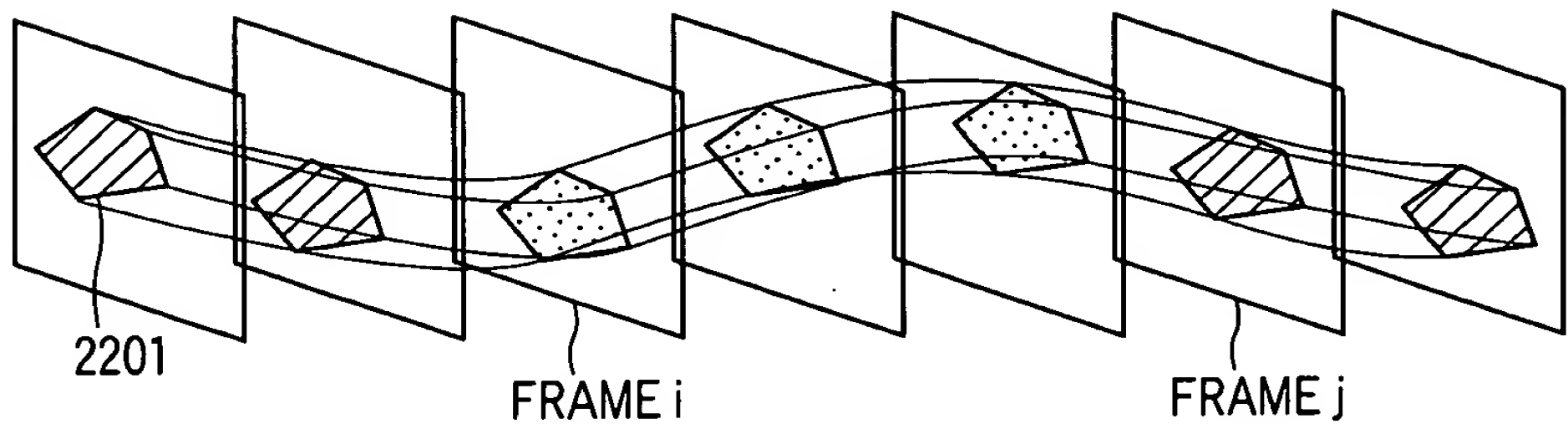


FIG. 27

FIGURE TYPE ID	700
OBJECT APPEARING TIME	701
OBJECT EXISTING TIME PERIOD	702
NUMBER OF REPRESENTATIVE POINTS M	703
REPRESENTATIVE POINT TRAJECTORY (1)	704
REPRESENTATIVE POINT TRAJECTORY (2)	
⋮	
REPRESENTATIVE POINT TRAJECTORY (M)	
DISPLAY FLAG INFORMATION	706

FIG. 28

FIG. 28

DISPLAY FLAG INFORMATION

NUMBER OF DISPLAY FLAGS P	2301
START TIME (1)	2302
END TIME (1)	2303
DISPLAY FLAG (1)	2304
START TIME (2)	
END TIME (2)	
DISPLAY FLAG (2)	
⋮	
START TIME (P)	
END TIME (P)	
DISPLAY FLAG (P)	

FIG. 29

095620-05101

REPRESENTATIVE POINT
TRAJECTORY

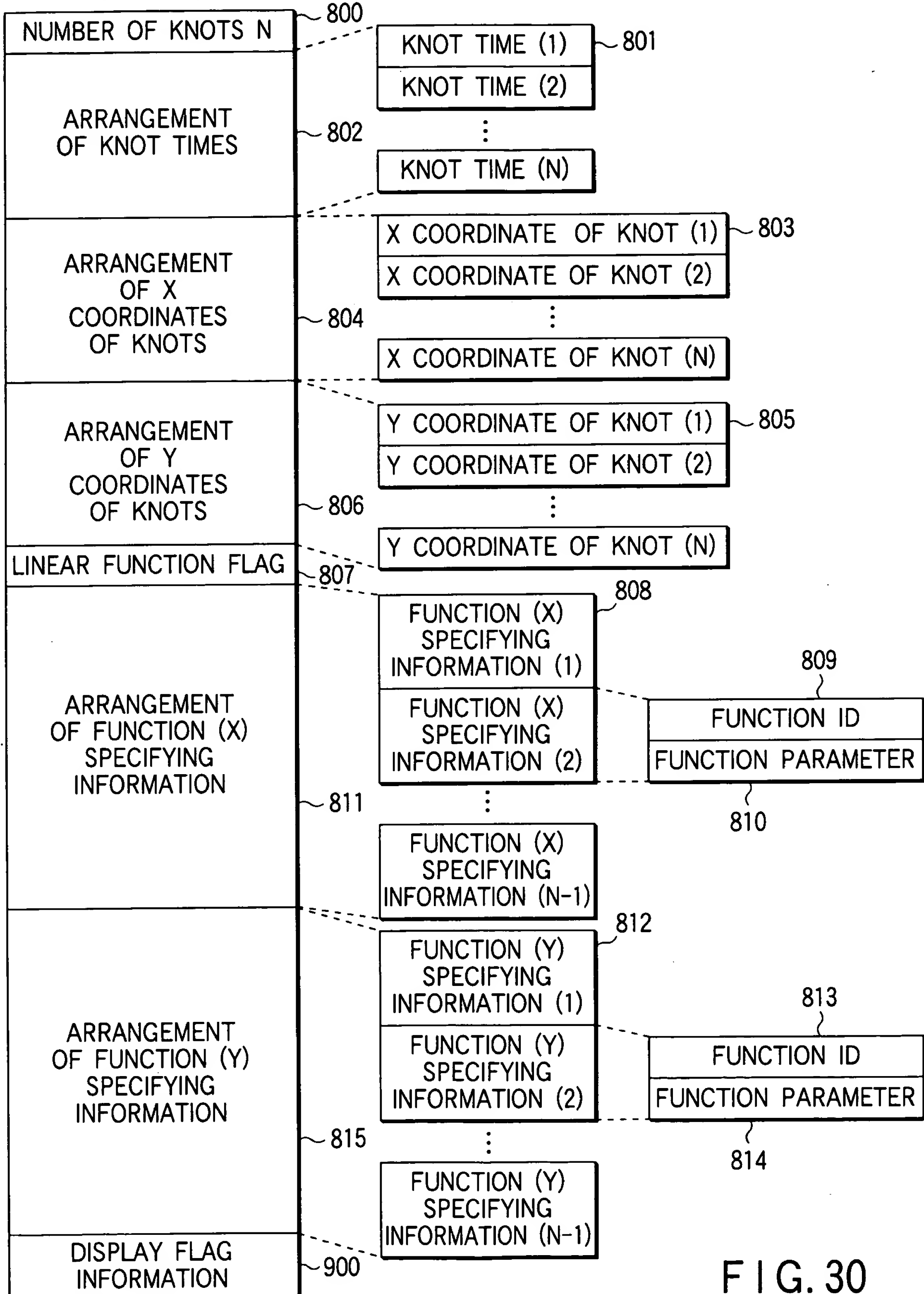


FIG. 30

093520-05101

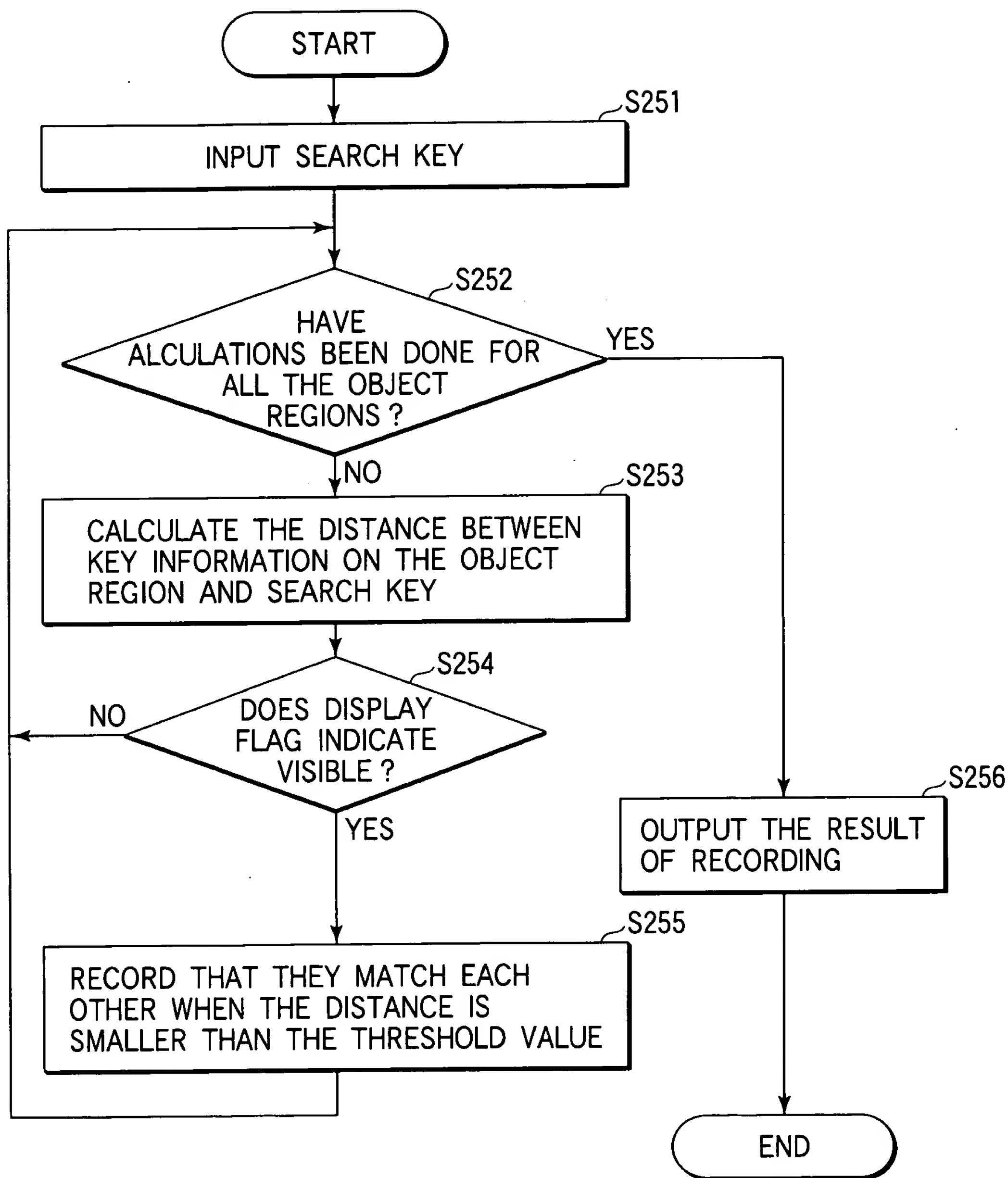


FIG. 31

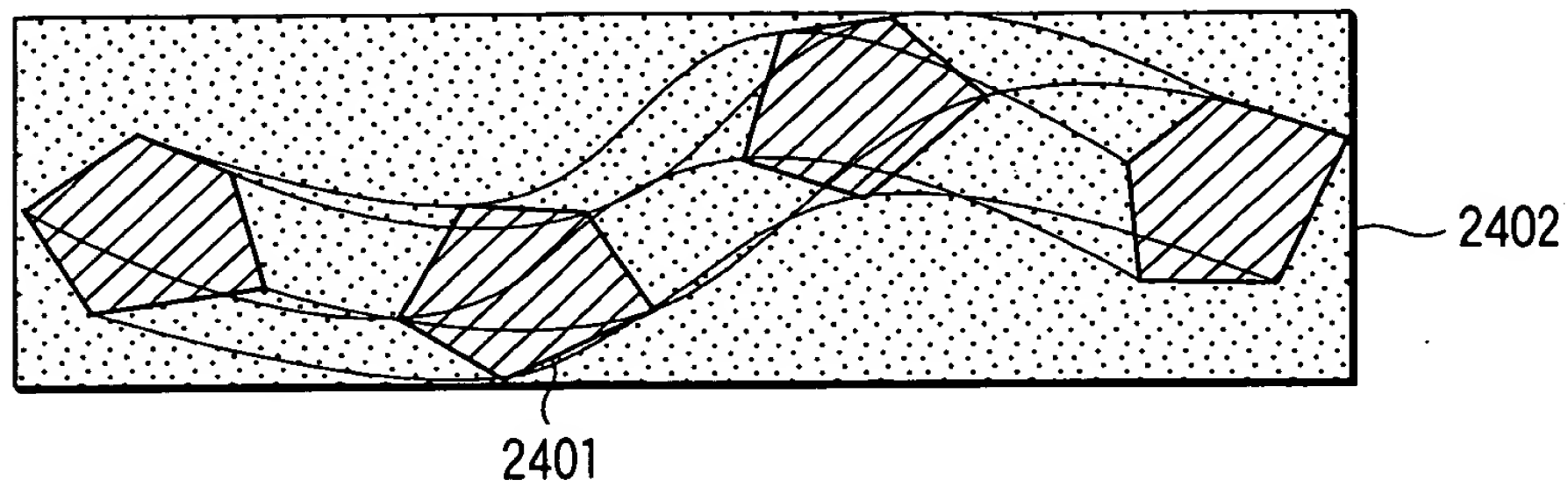


FIG. 32A

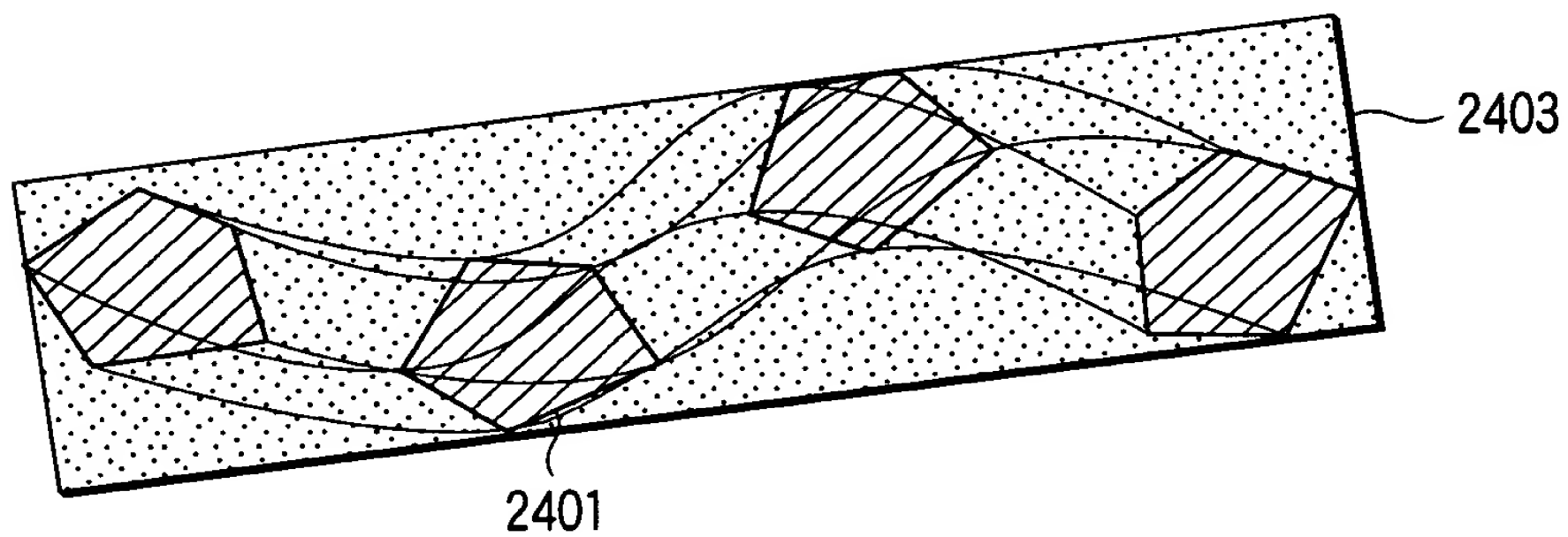


FIG. 32B

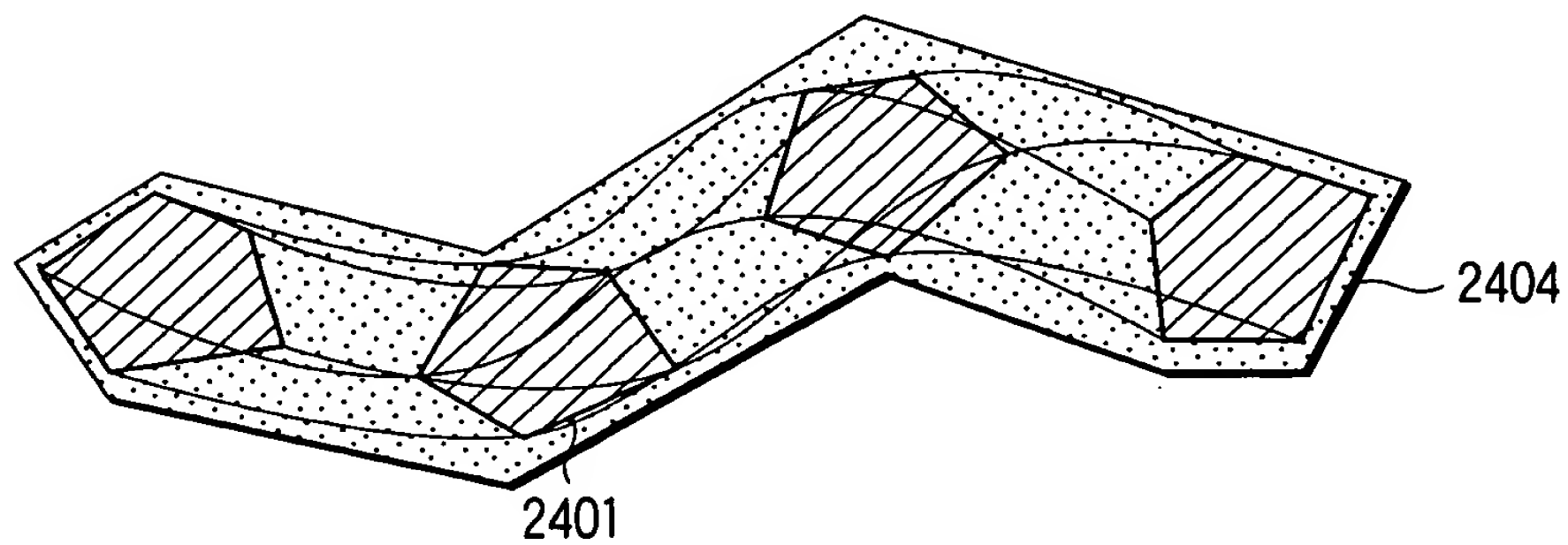


FIG. 32C

FIG. 32A

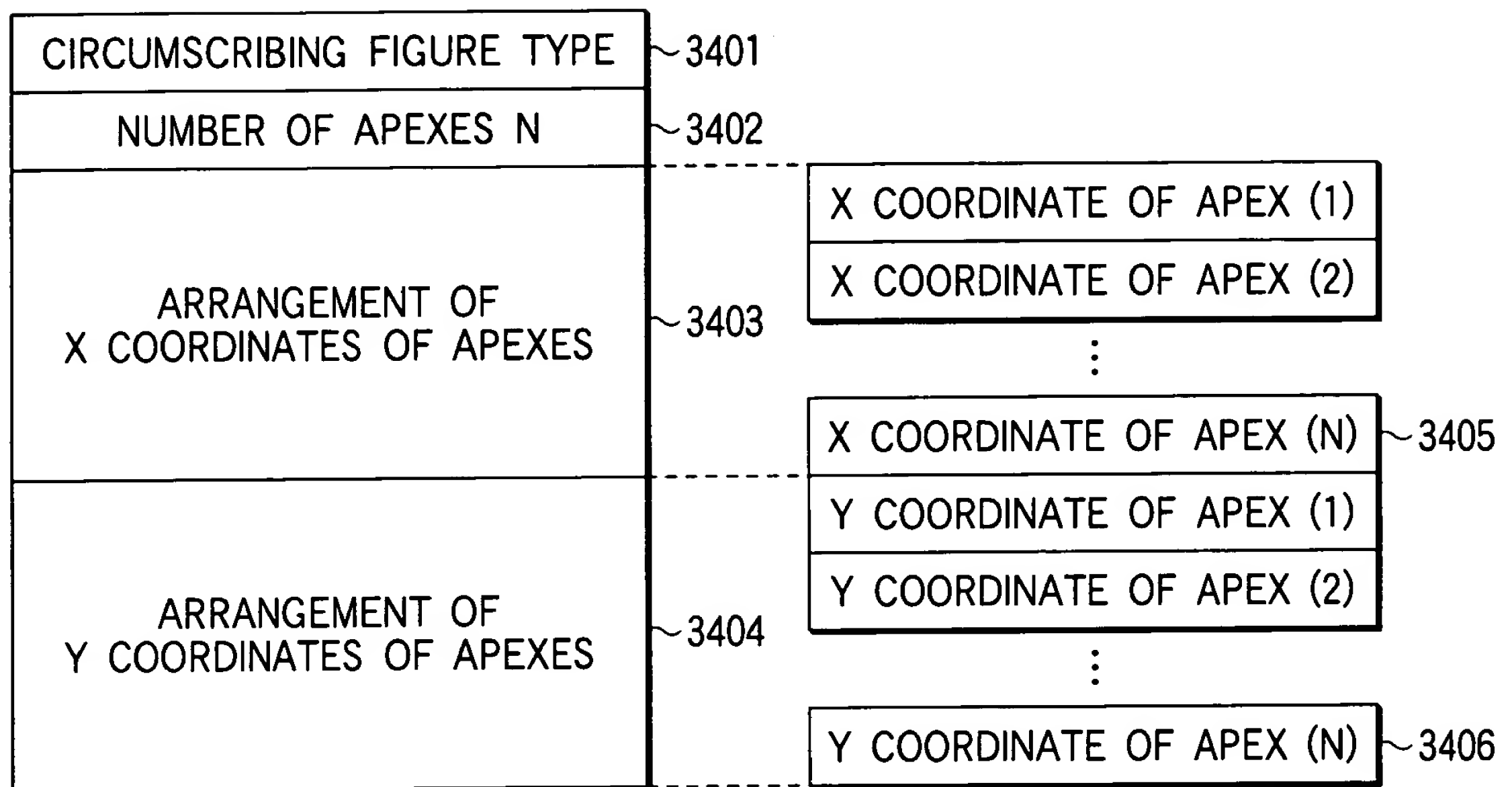


FIG. 33

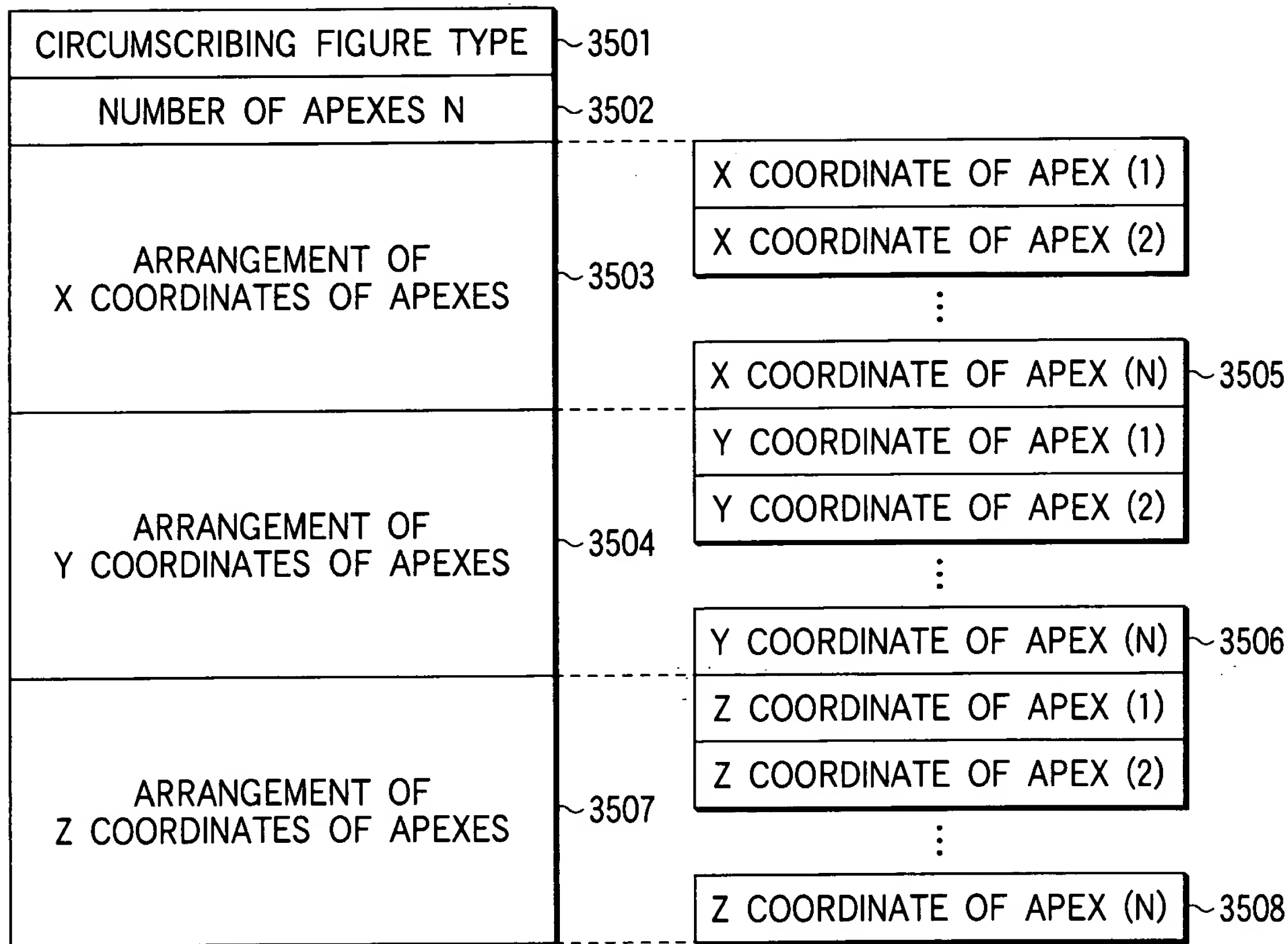


FIG. 34

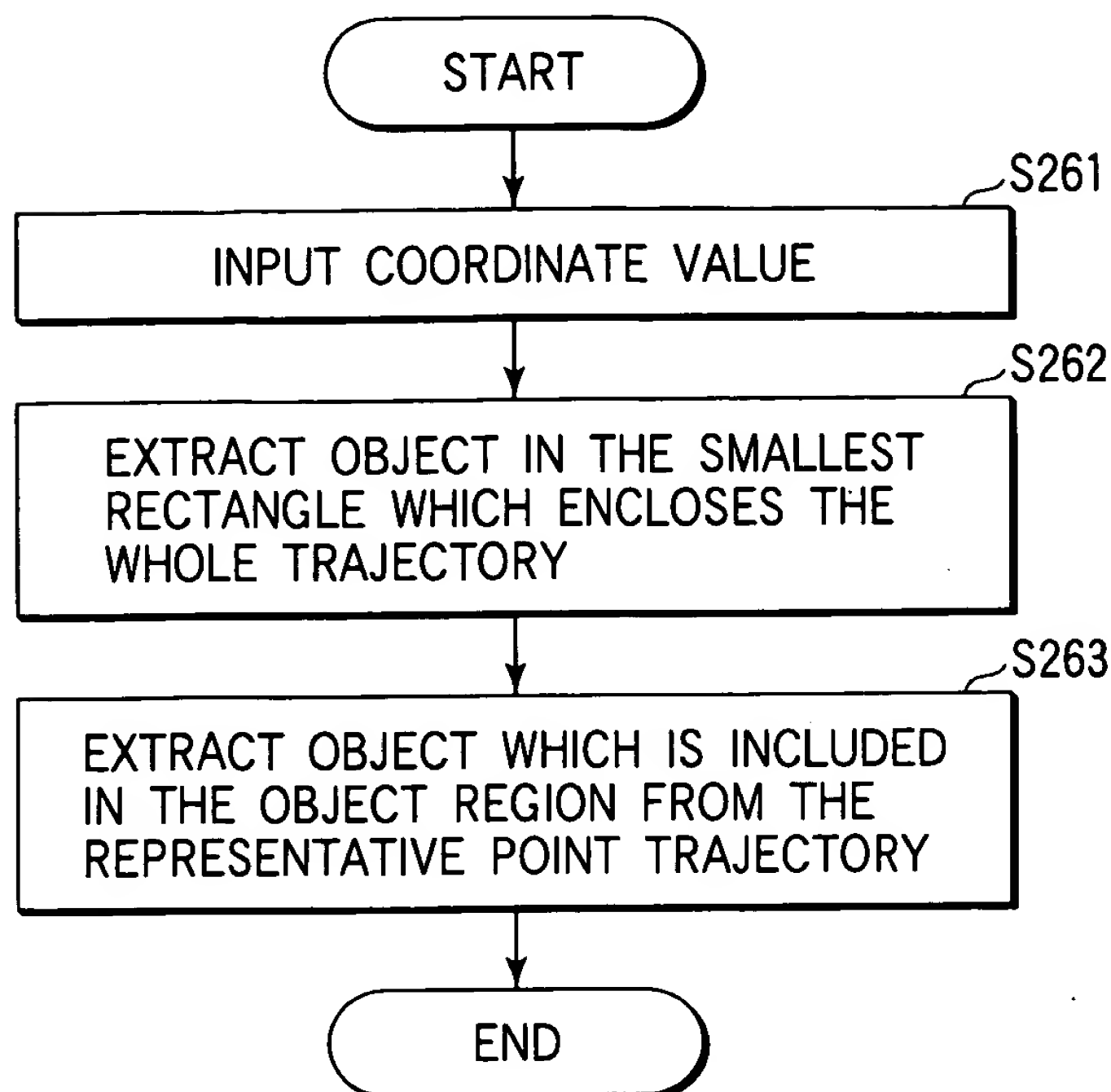


FIG. 35

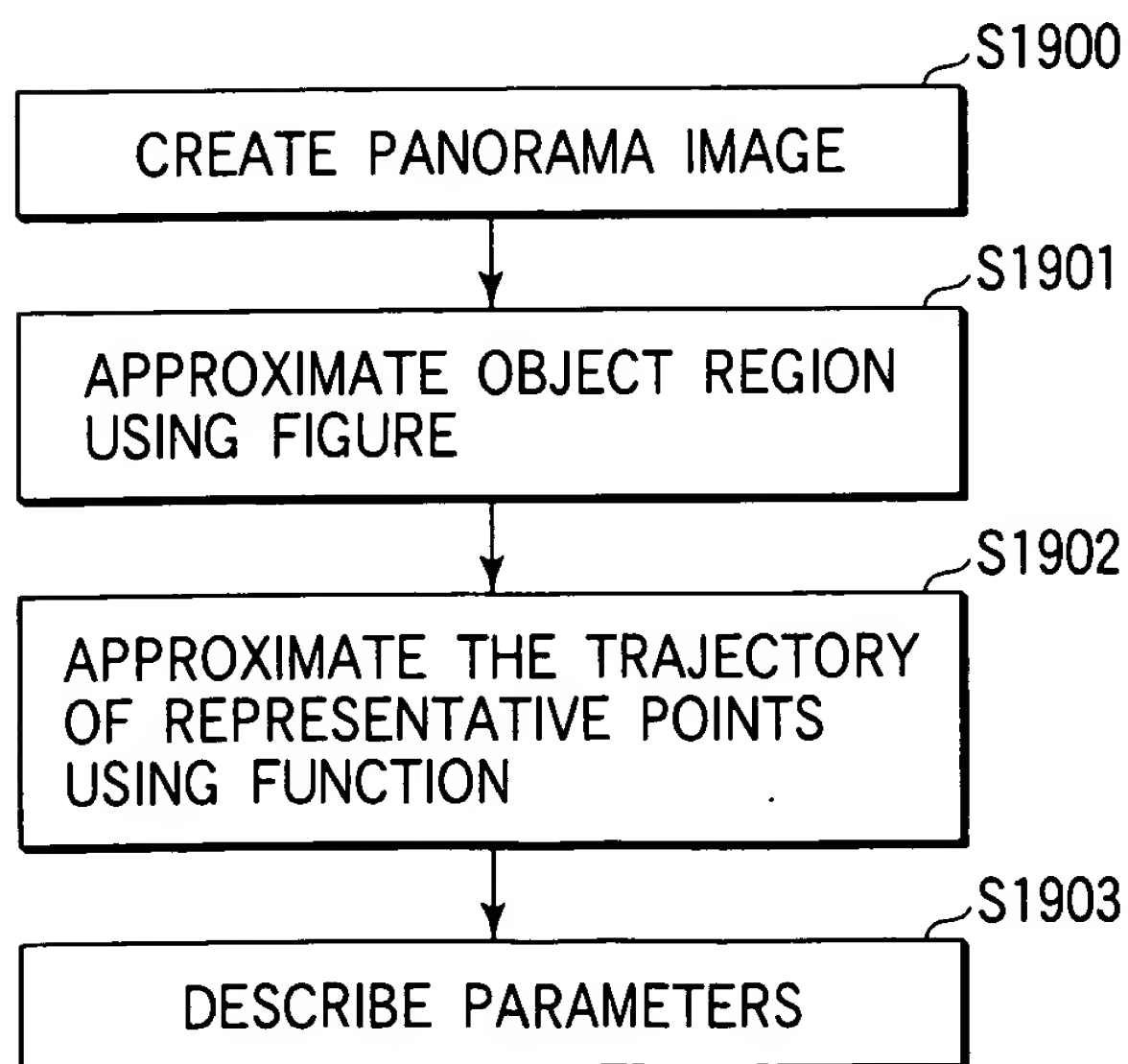
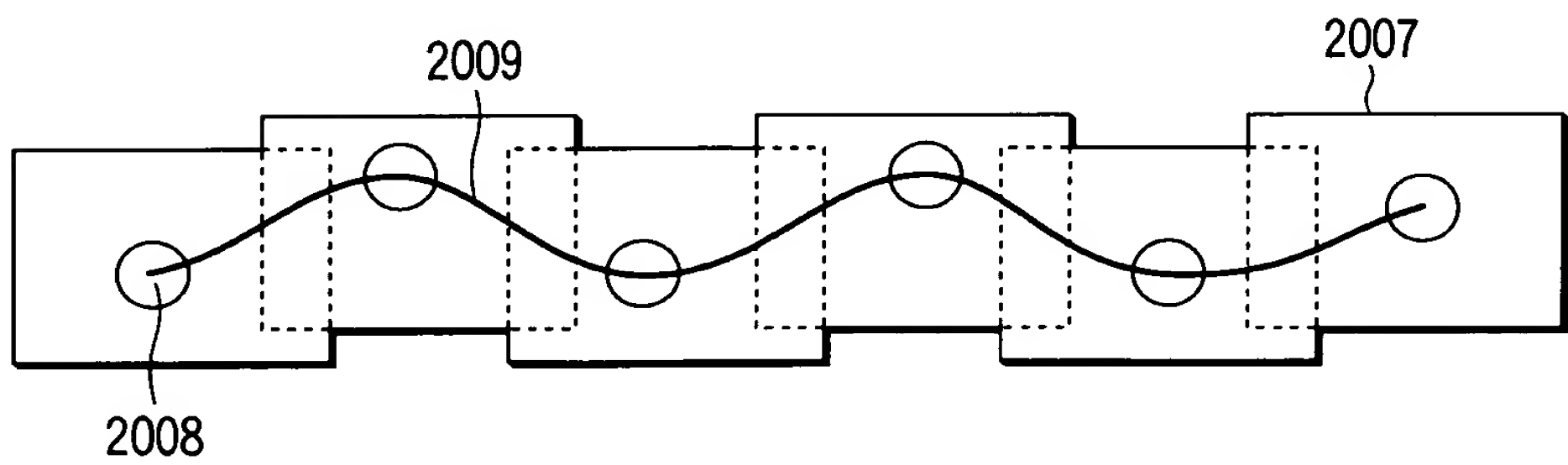
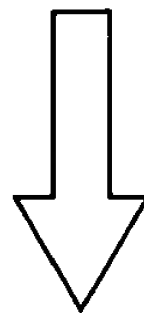
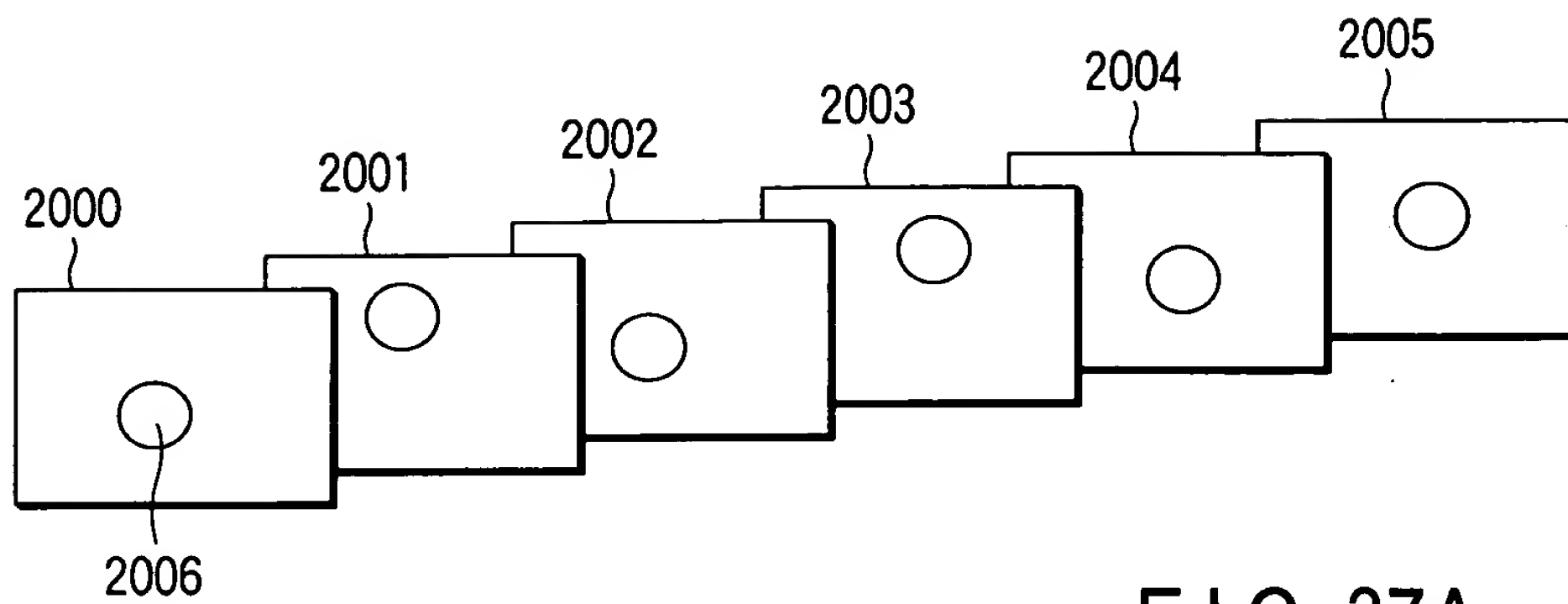


FIG. 36



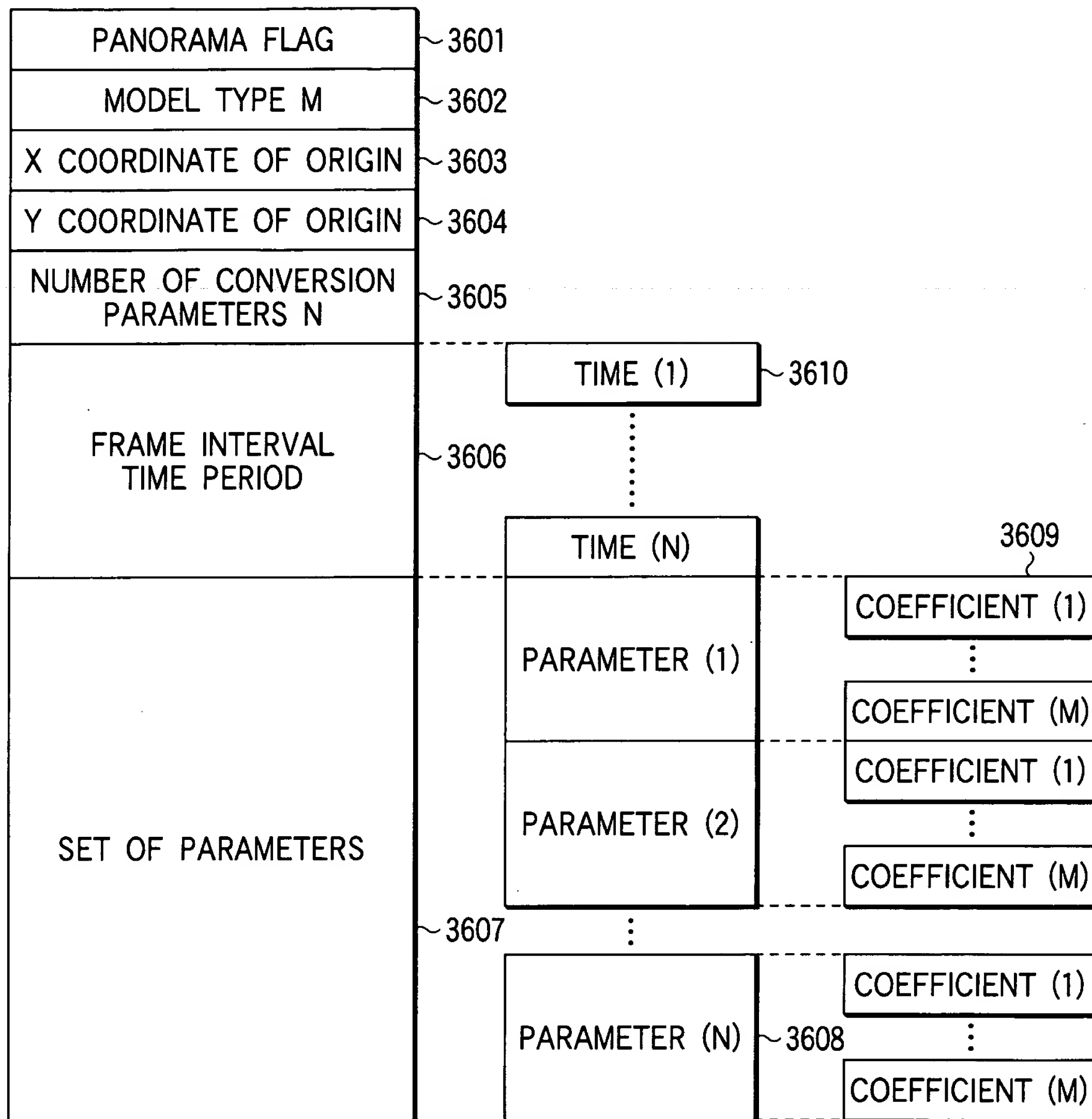


FIG. 38

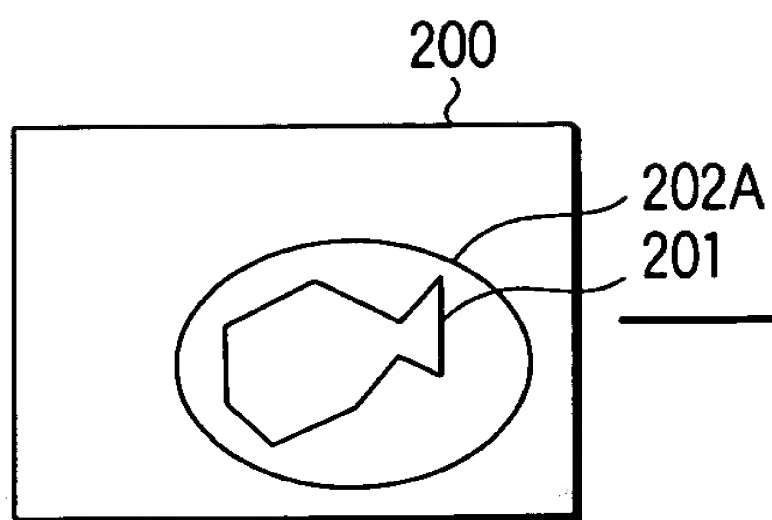


FIG. 39A

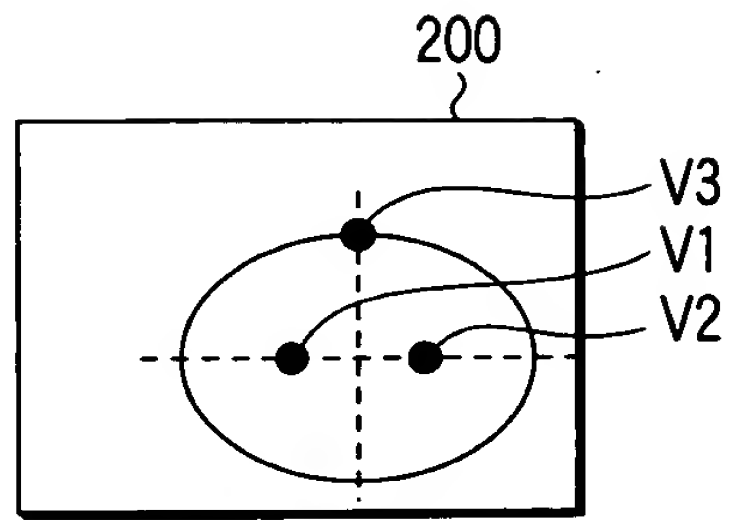


FIG. 39B

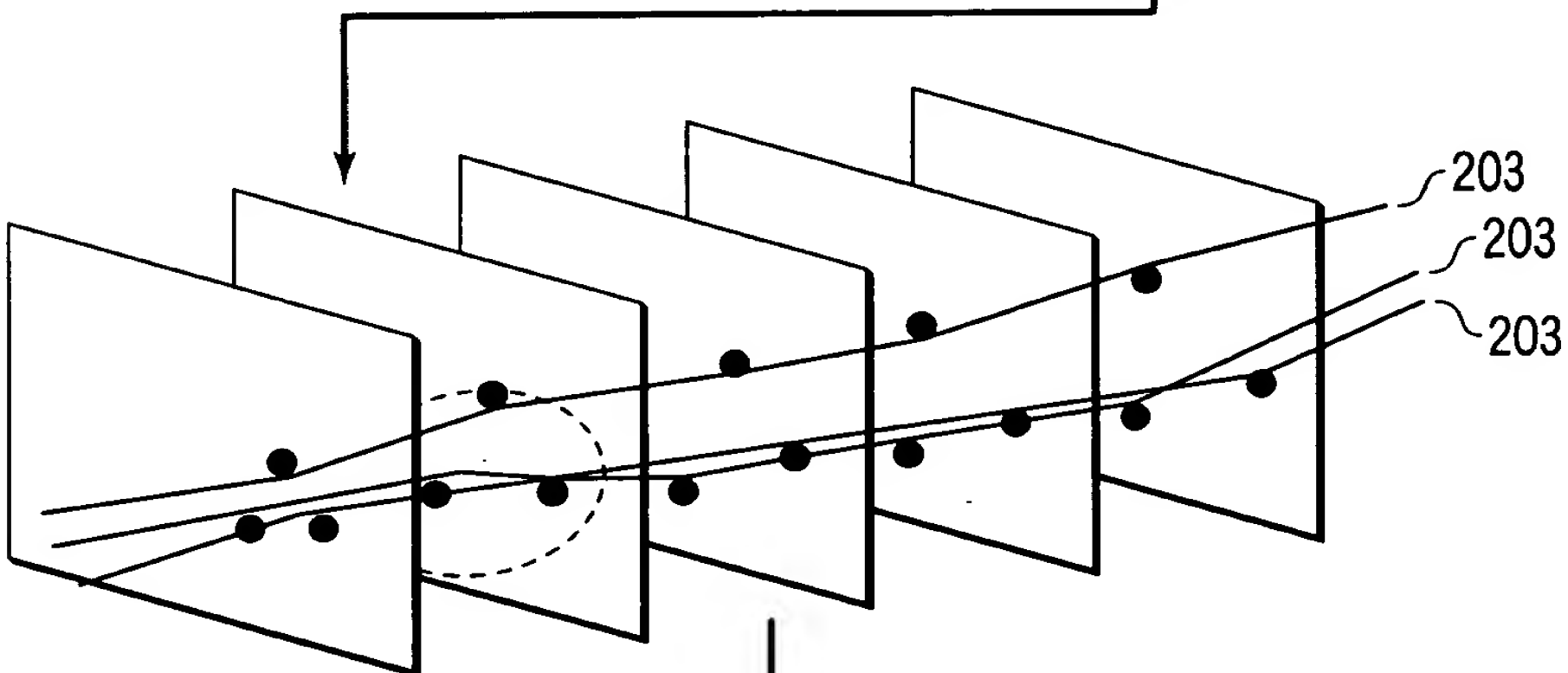


FIG. 39C

204

$$3t^2 - t + 3 (0 \leq t \leq 5) \text{ OR } 2.4t^3 - 12t^2 + 4t - 28 (5 \leq t \leq 16)$$

FIG. 39D

FIG. 39A

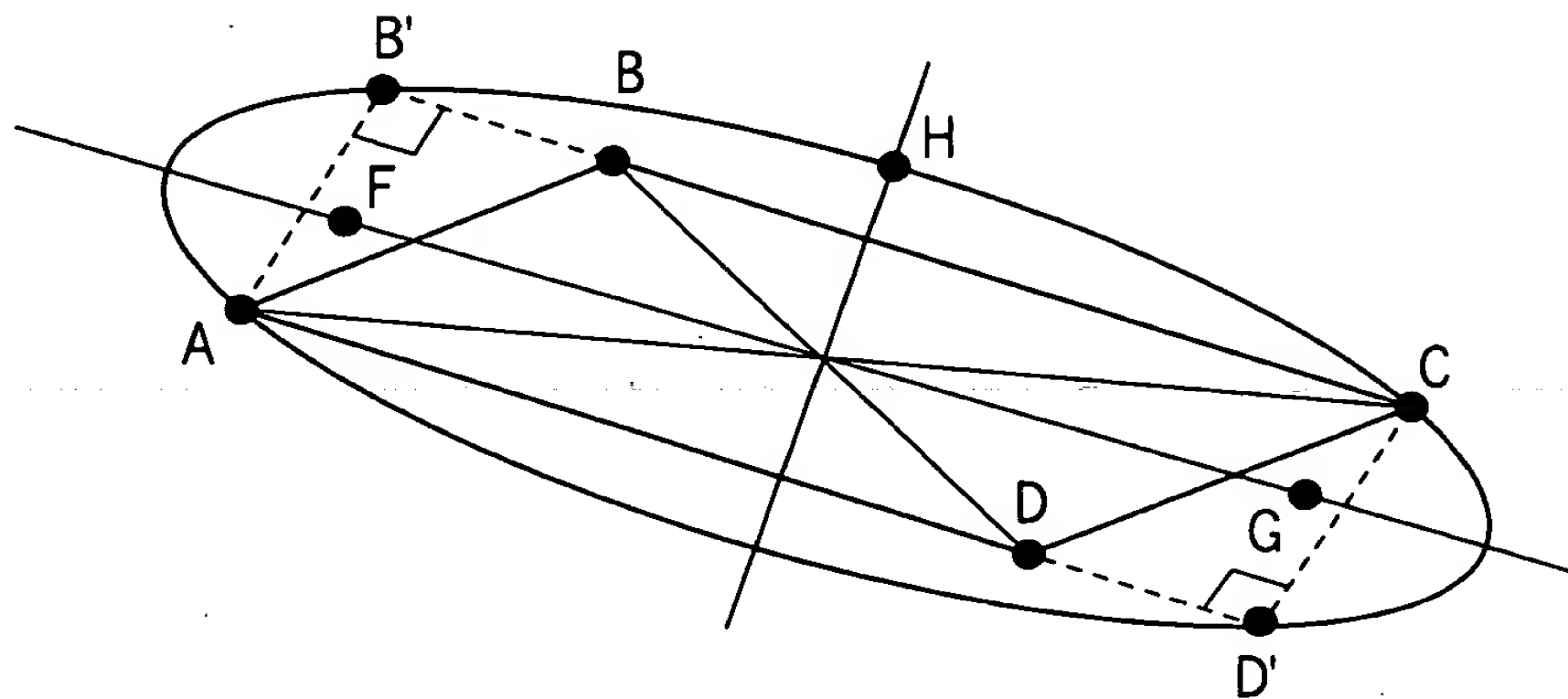


FIG. 40

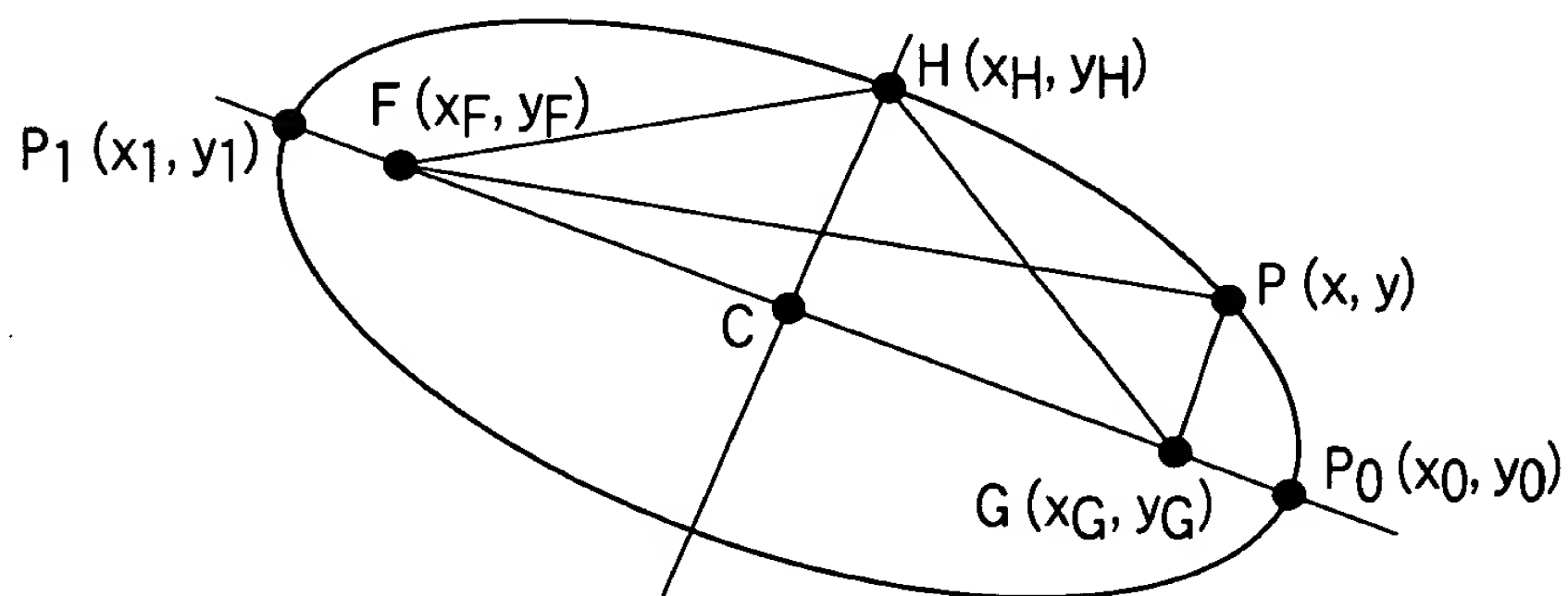


FIG. 41

0953630-051101

OBJECT REGION DATA

ID NUMBER	~ 400B
LEADING END FRAME NUMBER	~ 401B
TRAILING END FRAME NUMBER	~ 402B
POINTER FOR RELATED INFORMATION	~ 403B
NUMBER OF APPROXIMATE FIGURES	~ 404B
APPROXIMATE FIGURE DATA	~ 405B

FIG. 42

APPROXIMATE FIGURE DATA

FIGURE TYPE ID	~ 1300B
NUMBER OF REPRESENTATIVE POINTS	~ 1301B
REPRESENTATIVE POINT X TRAJECTORY DATA (1X)	~ 1302B
REPRESENTATIVE POINT Y TRAJECTORY DATA (1Y)	~ 1303B
REPRESENTATIVE POINT Z TRAJECTORY DATA (1Z)	~ 1304B
REPRESENTATIVE POINT X TRAJECTORY DATA (2X)	
REPRESENTATIVE POINT Y TRAJECTORY DATA (2Y)	
REPRESENTATIVE POINT Z TRAJECTORY DATA (2Z)	
⋮	
REPRESENTATIVE POINT X TRAJECTORY DATA (MX)	
REPRESENTATIVE POINT Y TRAJECTORY DATA (MY)	
REPRESENTATIVE POINT Z TRAJECTORY DATA (MZ)	

FIG. 43

09352620-051101

REPRESENTATIVE POINT TRAJECTORY DATA

1403B {	KNOT FRAME NUMBER	~1400B
	ORDER OF POLYNOMINAL	~1401B
	COEFFICIENT OF POLYNOMINAL (0TH ORDER)	~1402B
	COEFFICIENT OF POLYNOMINAL (1ST ORDER)	
	⋮	
	COEFFICIENT OF POLYNOMINAL (KTH ORDER)	
	KNOT FRAME NUMBER	
	ORDER OF POLYNOMINAL	
	COEFFICIENT OF POLYNOMINAL (0TH ORDER)	
	COEFFICIENT OF POLYNOMINAL (1ST ORDER)	
	⋮	
	COEFFICIENT OF POLYNOMINAL (K' TH ORDER)	
	⋮	

FIG. 44

09852620-02925860

APPROXIMATE FIGURE DATA

FIGURE TYPE ID	~ 1300B
NUMBER OF REPRESENTATIVE POINTS	~ 1301B
REPRESENTATIVE POINT X TRAJECTORY DATA (1X)	~ 1302B
REPRESENTATIVE POINT Y TRAJECTORY DATA (1Y)	~ 1303B
REPRESENTATIVE POINT X TRAJECTORY DATA (2X)	
REPRESENTATIVE POINT Y TRAJECTORY DATA (2Y)	
⋮	
REPRESENTATIVE POINT X TRAJECTORY DATA (MX)	
REPRESENTATIVE POINT Y TRAJECTORY DATA (MY)	
DEPTH INFORMATION	~ 1306B

FIG. 45

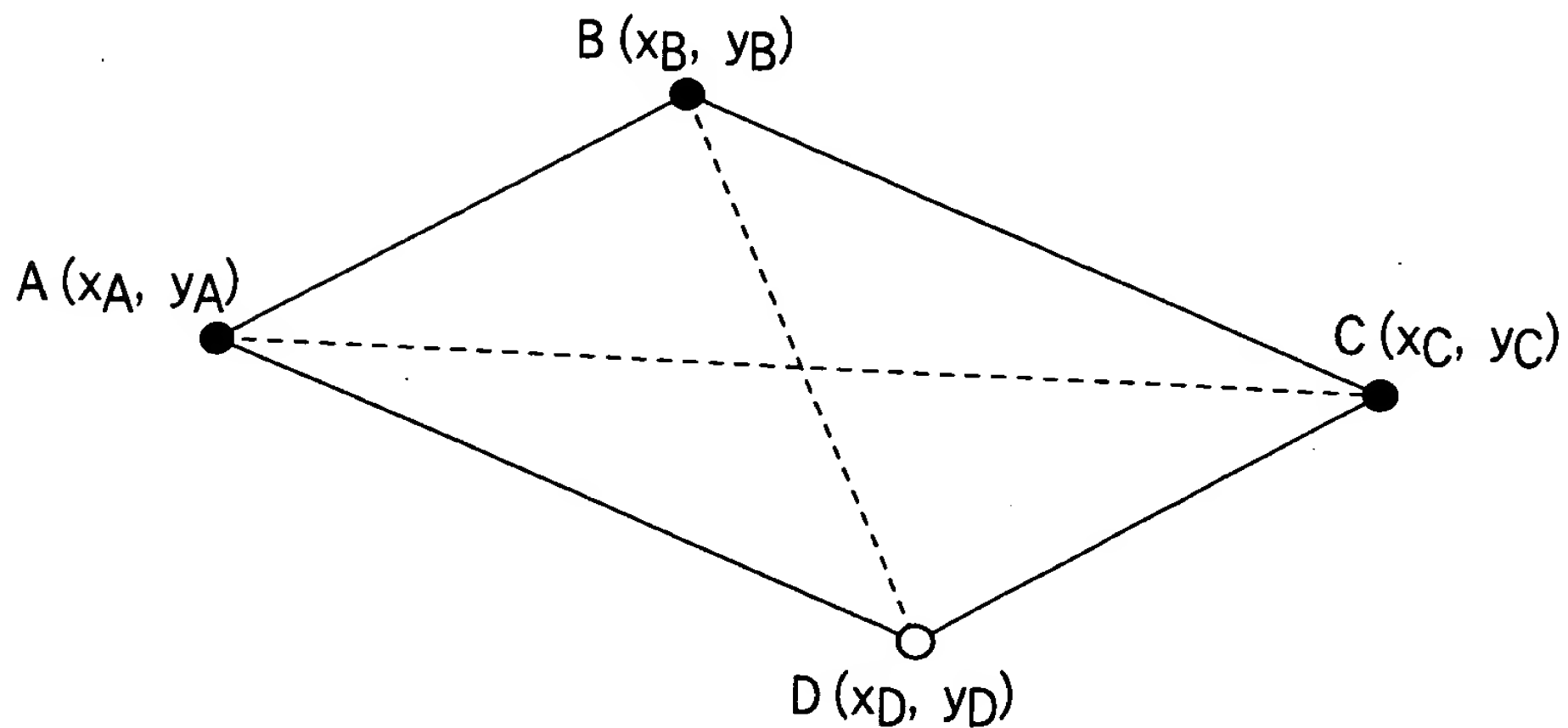


FIG. 46

095620 05101

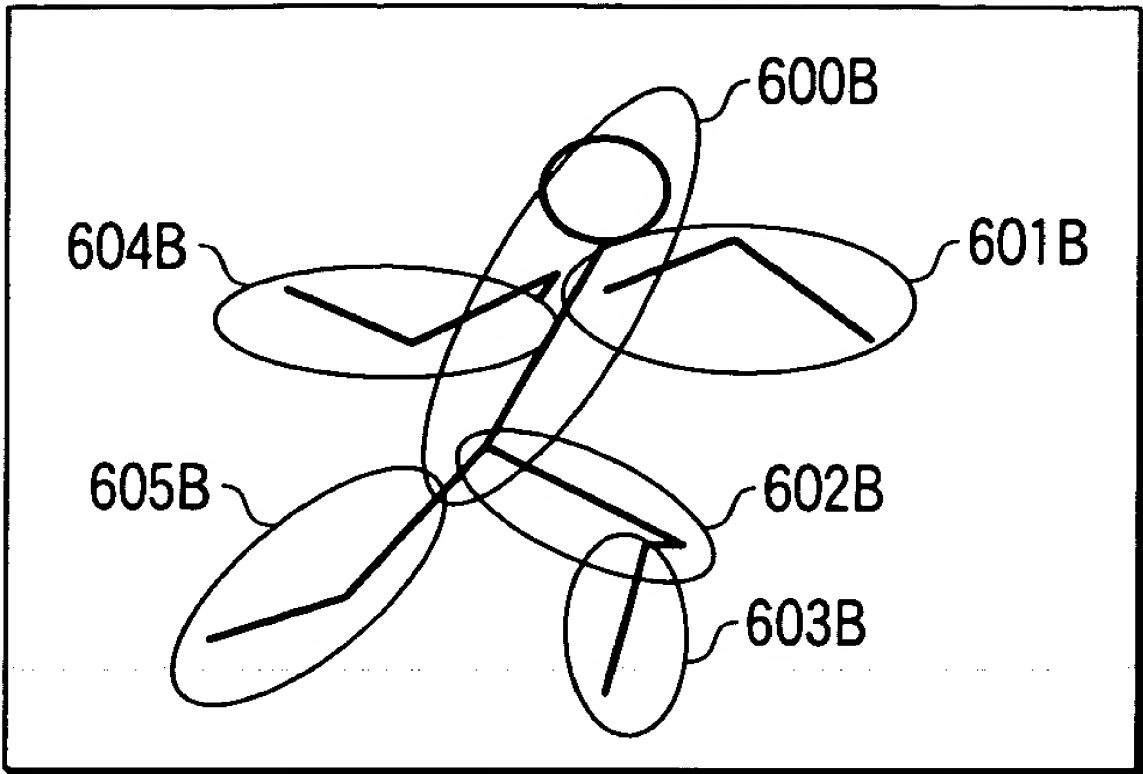


FIG. 47

OBJECT REGION DATA

ID NUMBER	~ 400B
LEADING END FRAME NUMBER	~ 401B
TRAILING END FRAME NUMBER	~ 402B
POINTER FOR RELATED INFORMATION	~ 403B
NUMBER OF APPROXIMATE FIGURES	~ 404B
APPROXIMATE FIGURE DATA (1)	~ 405B
APPROXIMATE FIGURE DATA (2)	⋮
⋮	
APPROXIMATE FIGURE DATA (L)	

FIG. 48

09852620.051101
TOT 50" 02925860

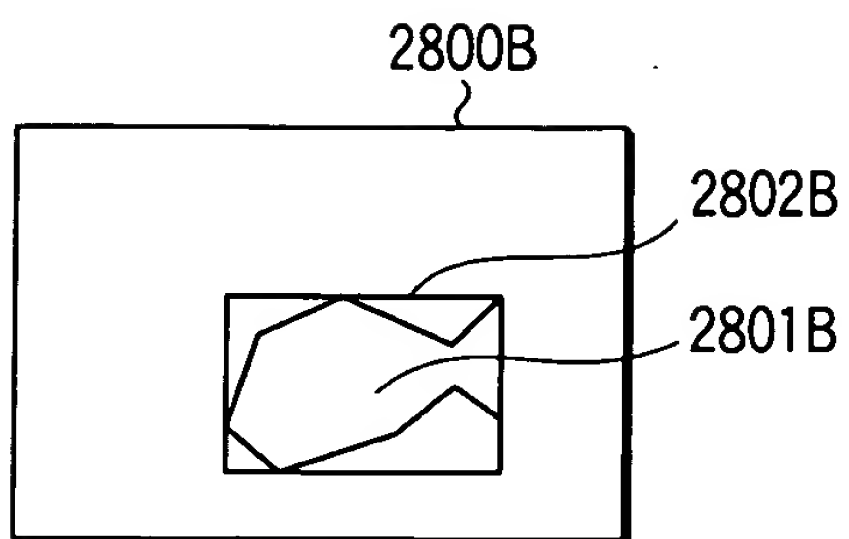


FIG. 49A

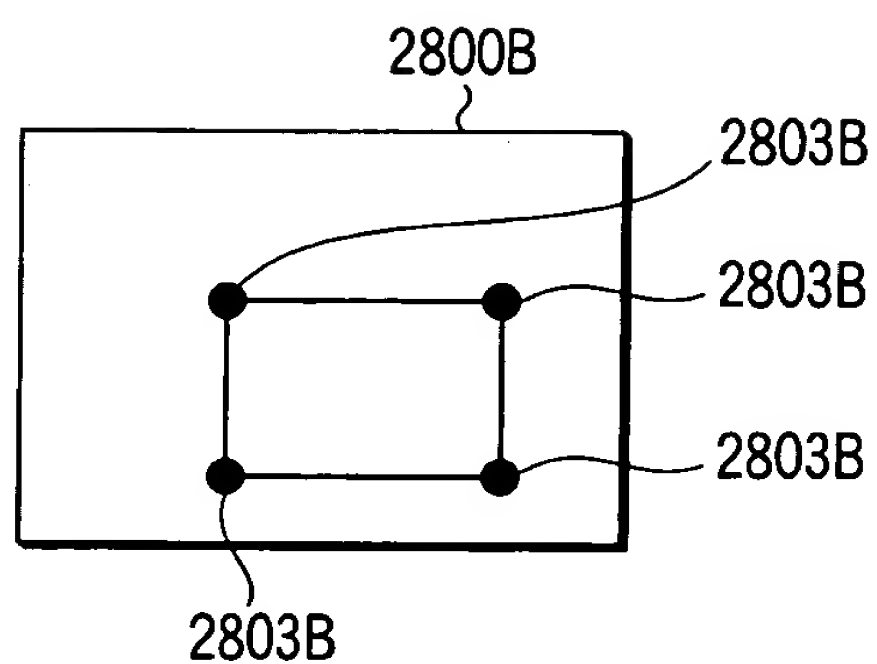


FIG. 49B

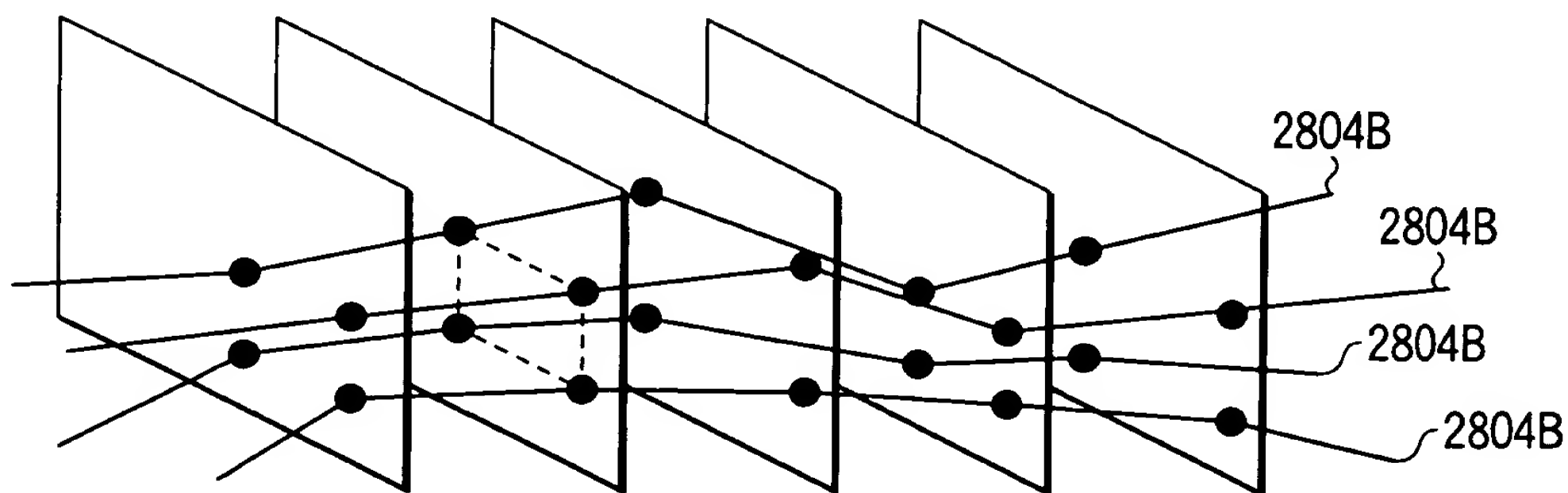


FIG. 49C

FIG. 49A

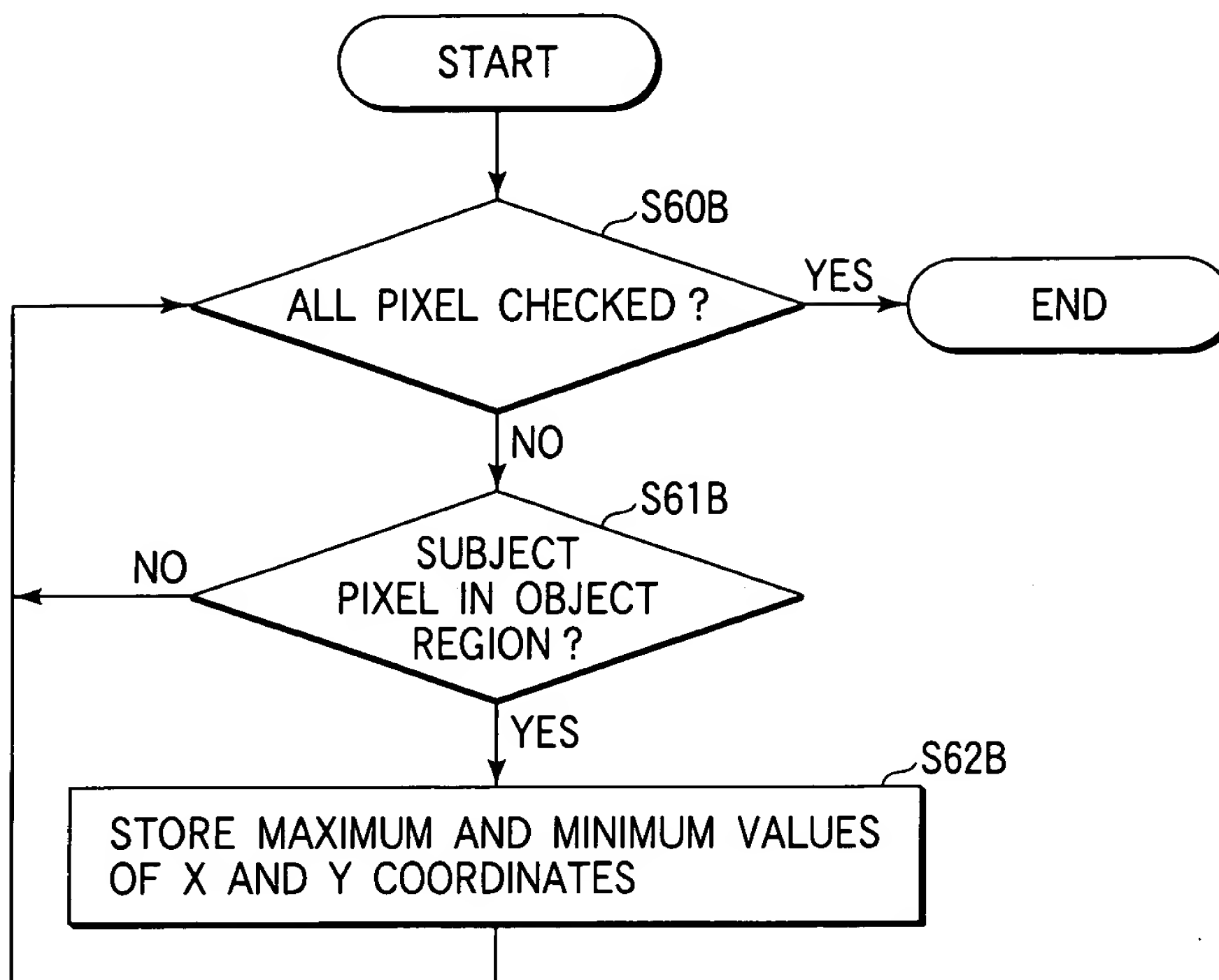


FIG. 50

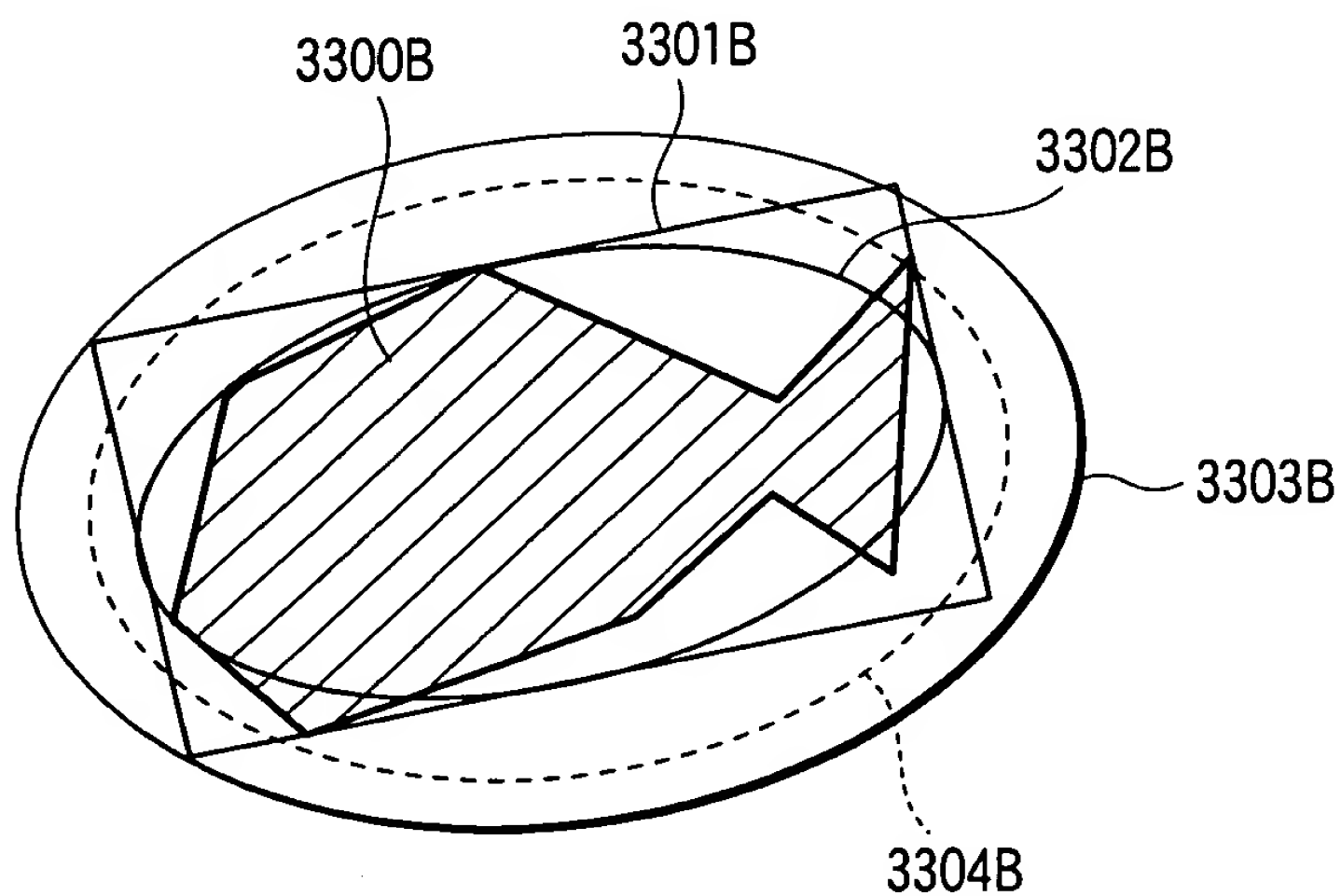


FIG. 51

FIG. 50: 02925860

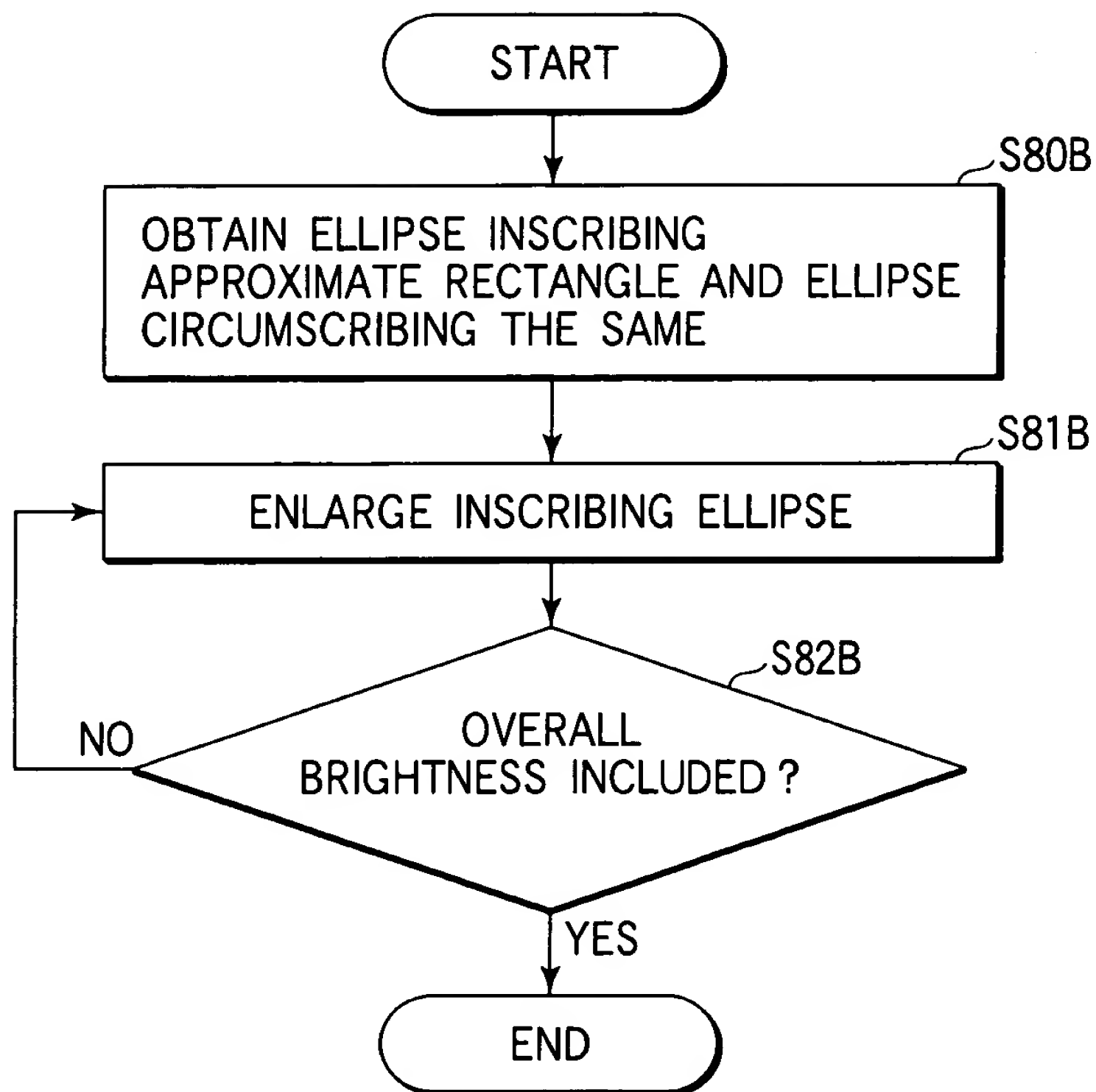


FIG. 52

FIG. 53

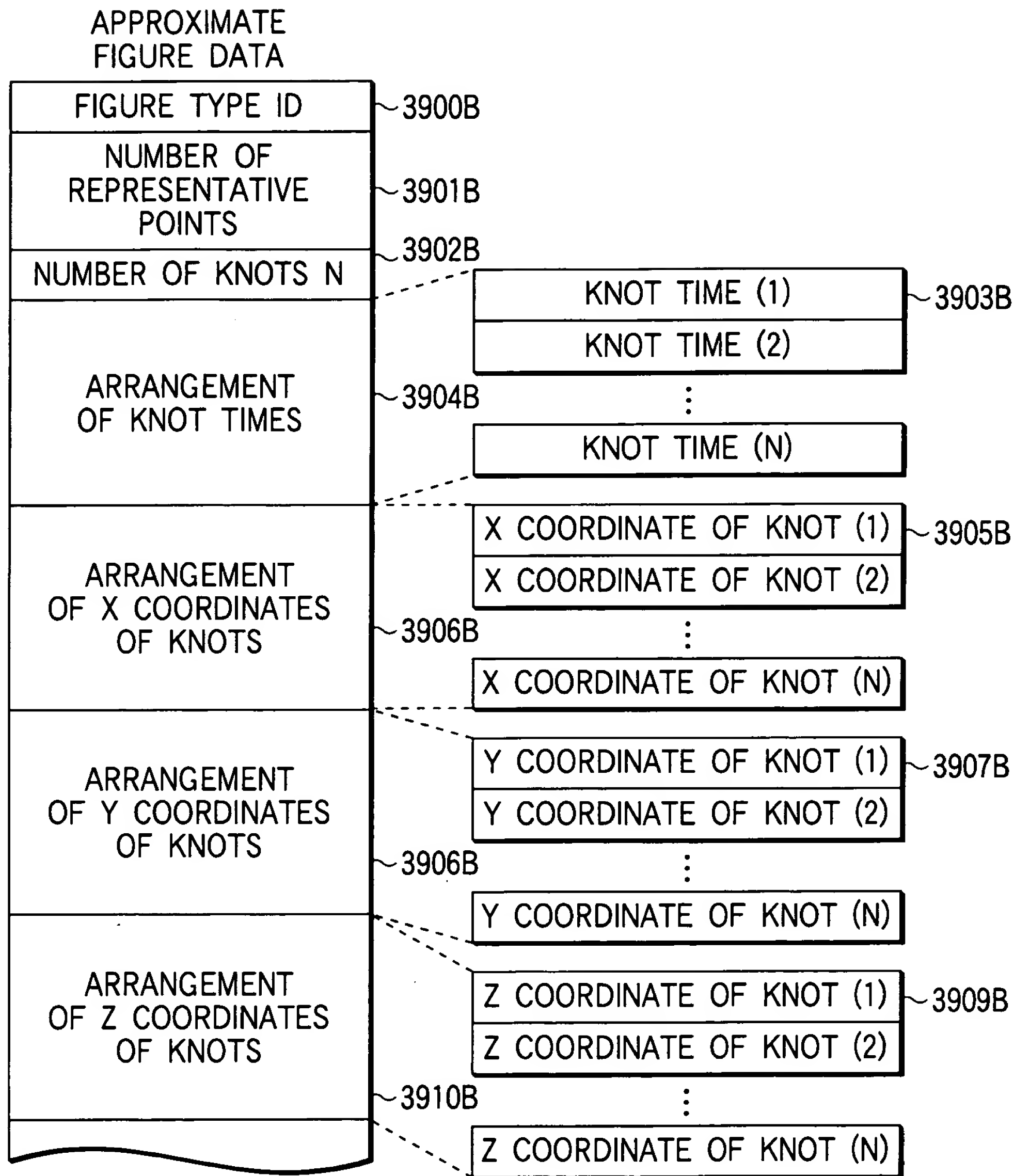


FIG. 53

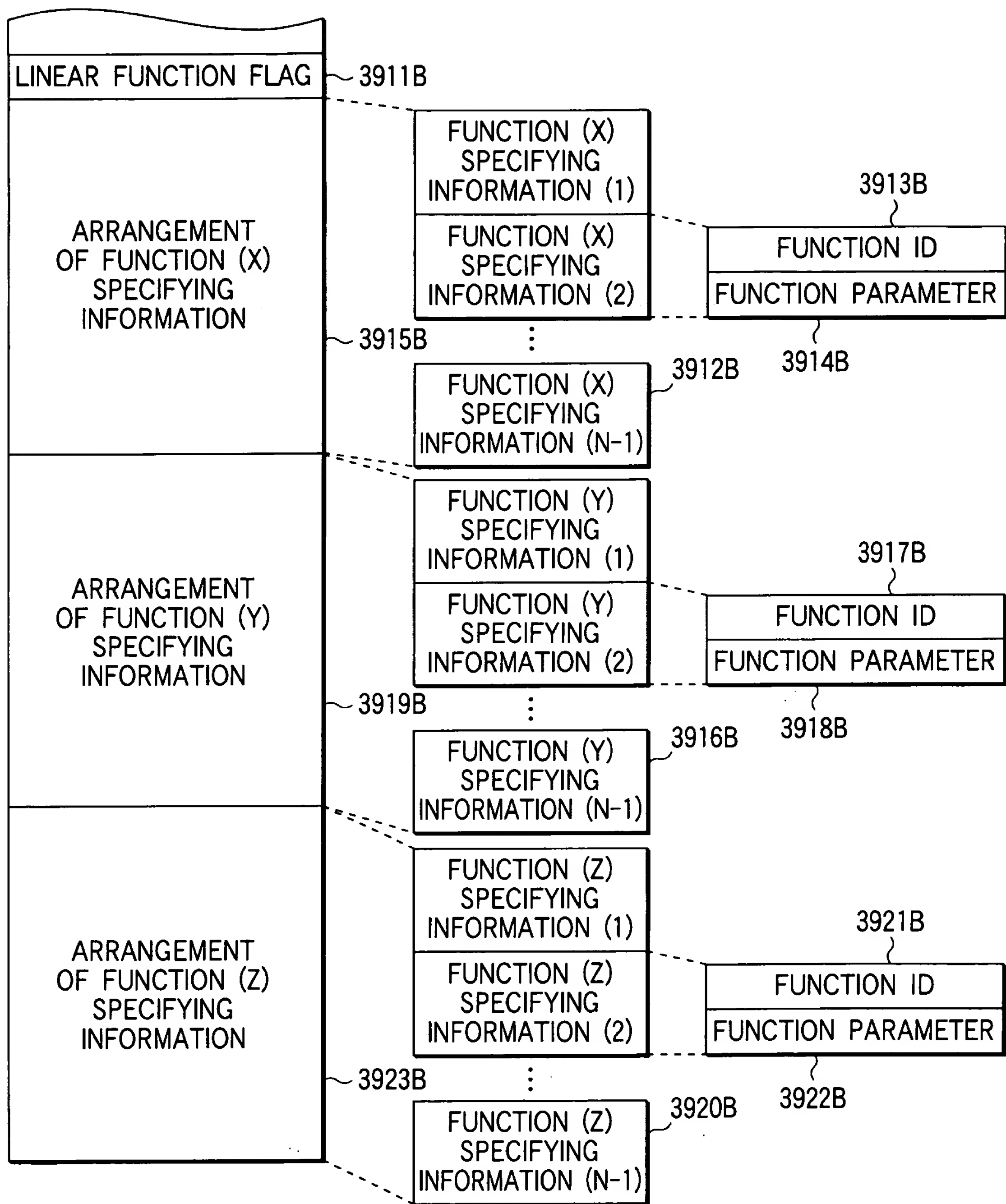


FIG. 54

FIG. 55

FIGURE TYPE ID	~ 700B
OBJECT APPEARING TIME	~ 701B
OBJECT EXISTING TIME PERIOD	~ 702B
NUMBER OF REPRESENTATIVE POINTS M	~ 703B
REPRESENTATIVE POINT TRAJECTORY (1)	~ 704B
REPRESENTATIVE POINT TRAJECTORY (2)	
⋮	
REPRESENTATIVE POINT TRAJECTORY (M)	
DEPTH INFORMATION	~ 705B

FIG. 55

REPRESENTATIVE POINT
TRAJECTORY

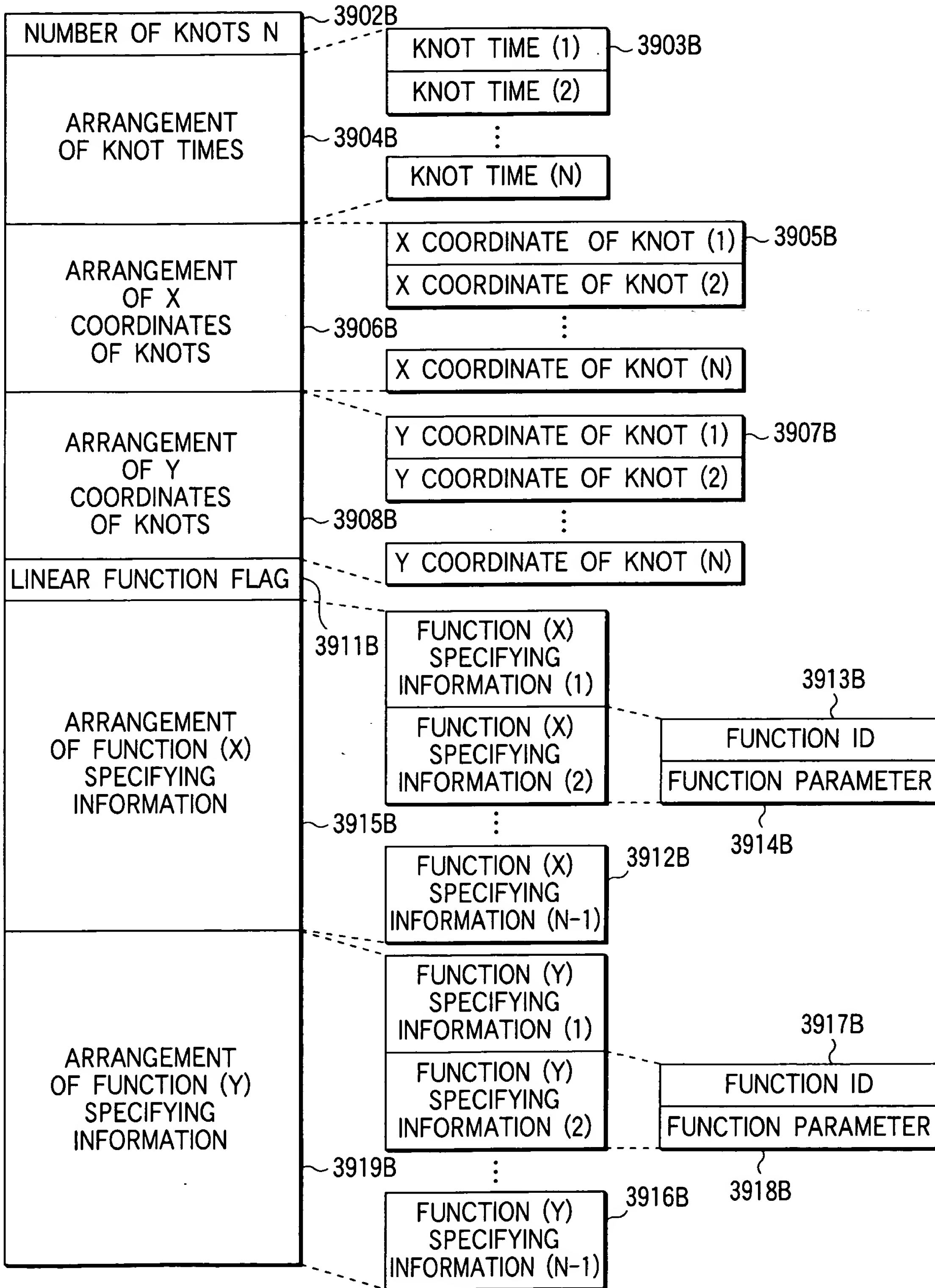


FIG. 56

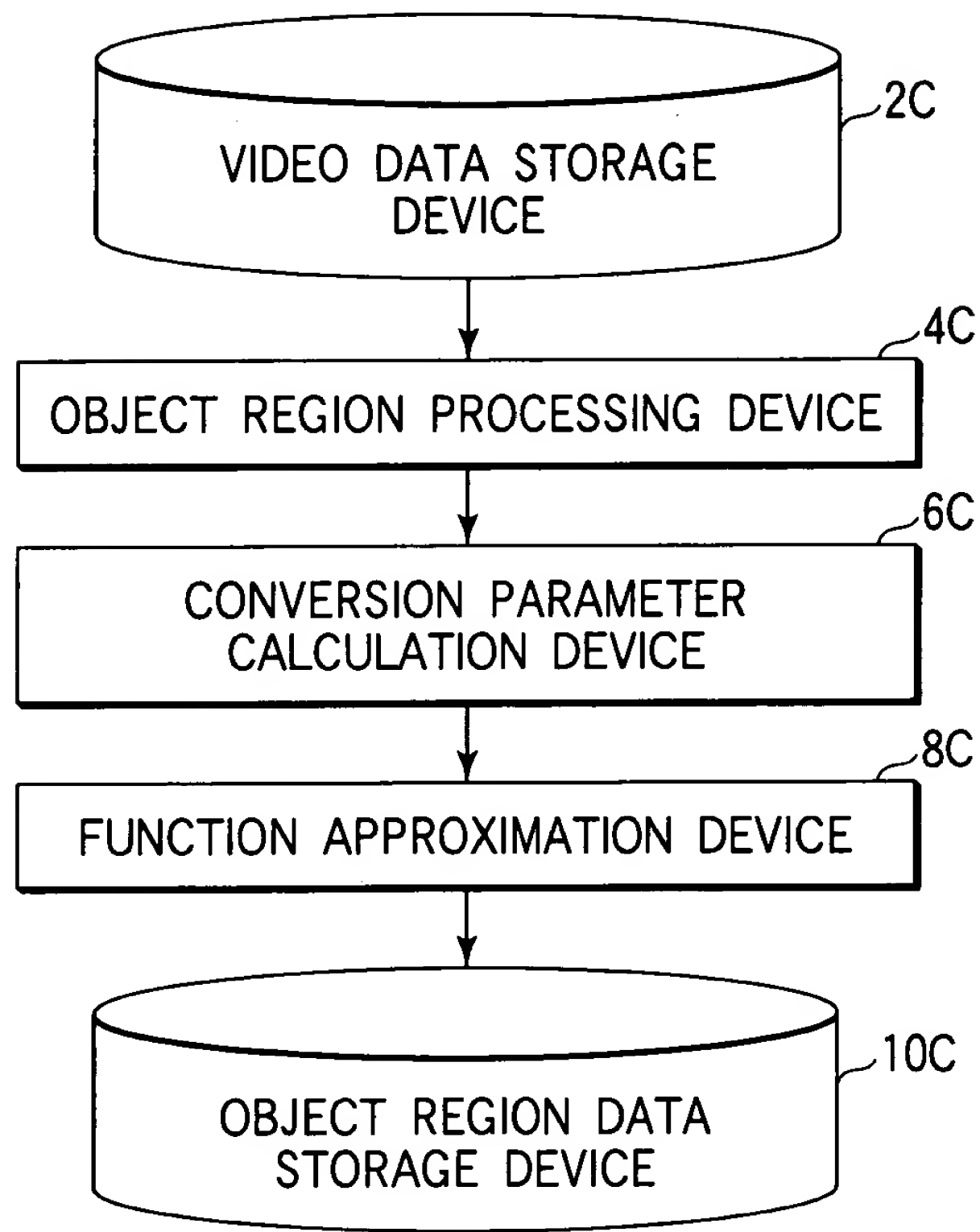


FIG. 57

0952530.05101

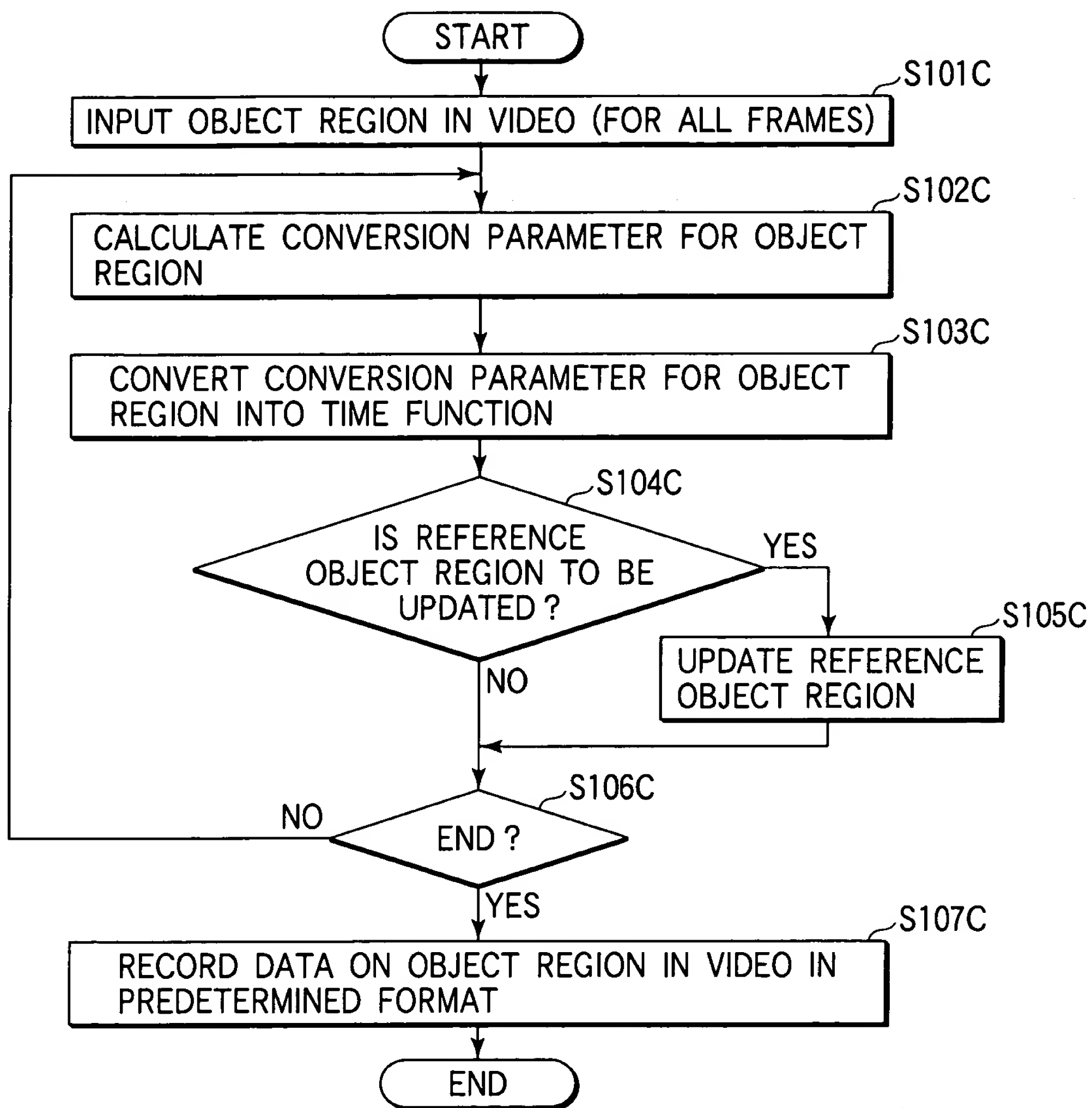


FIG. 58

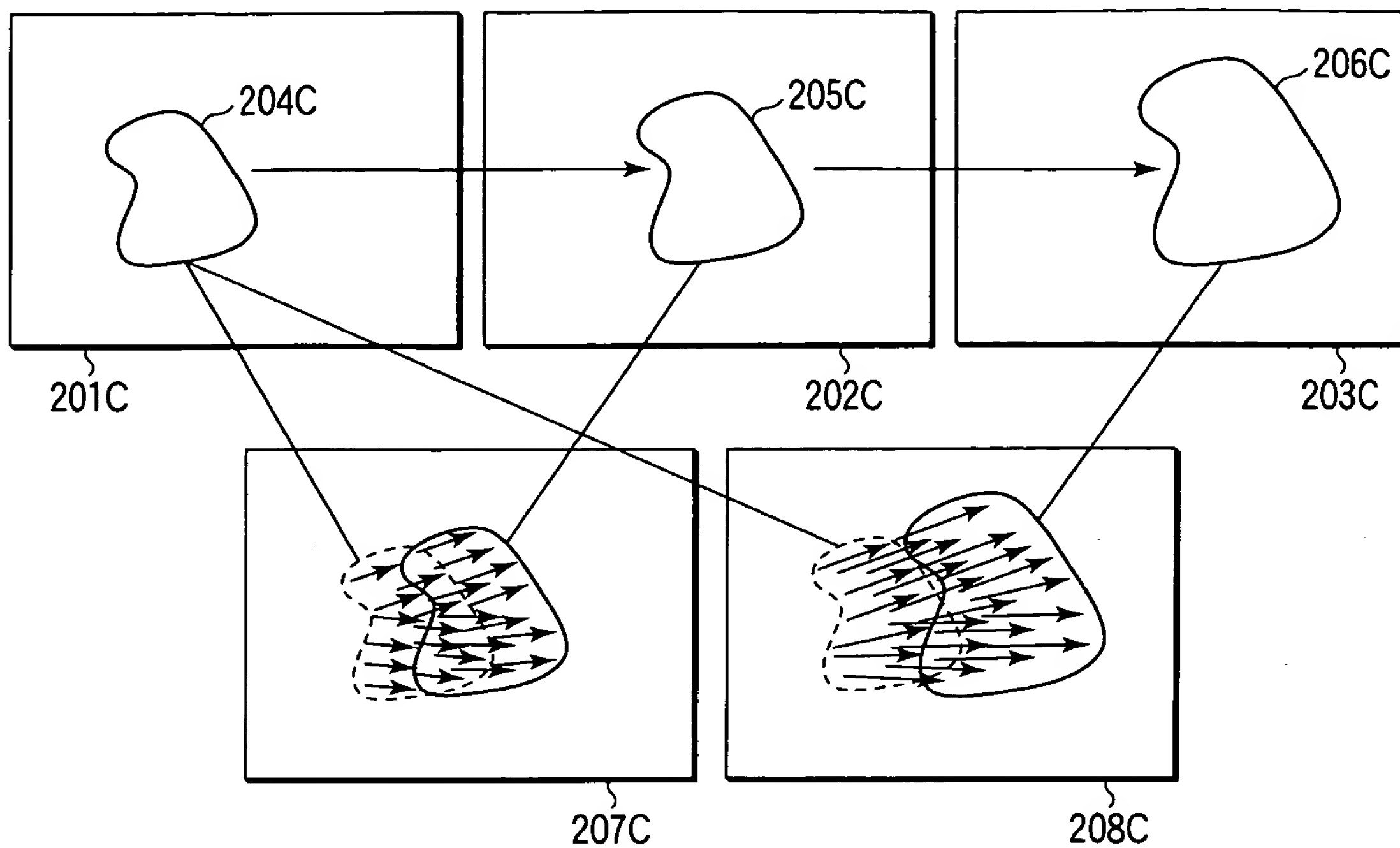


FIG. 59

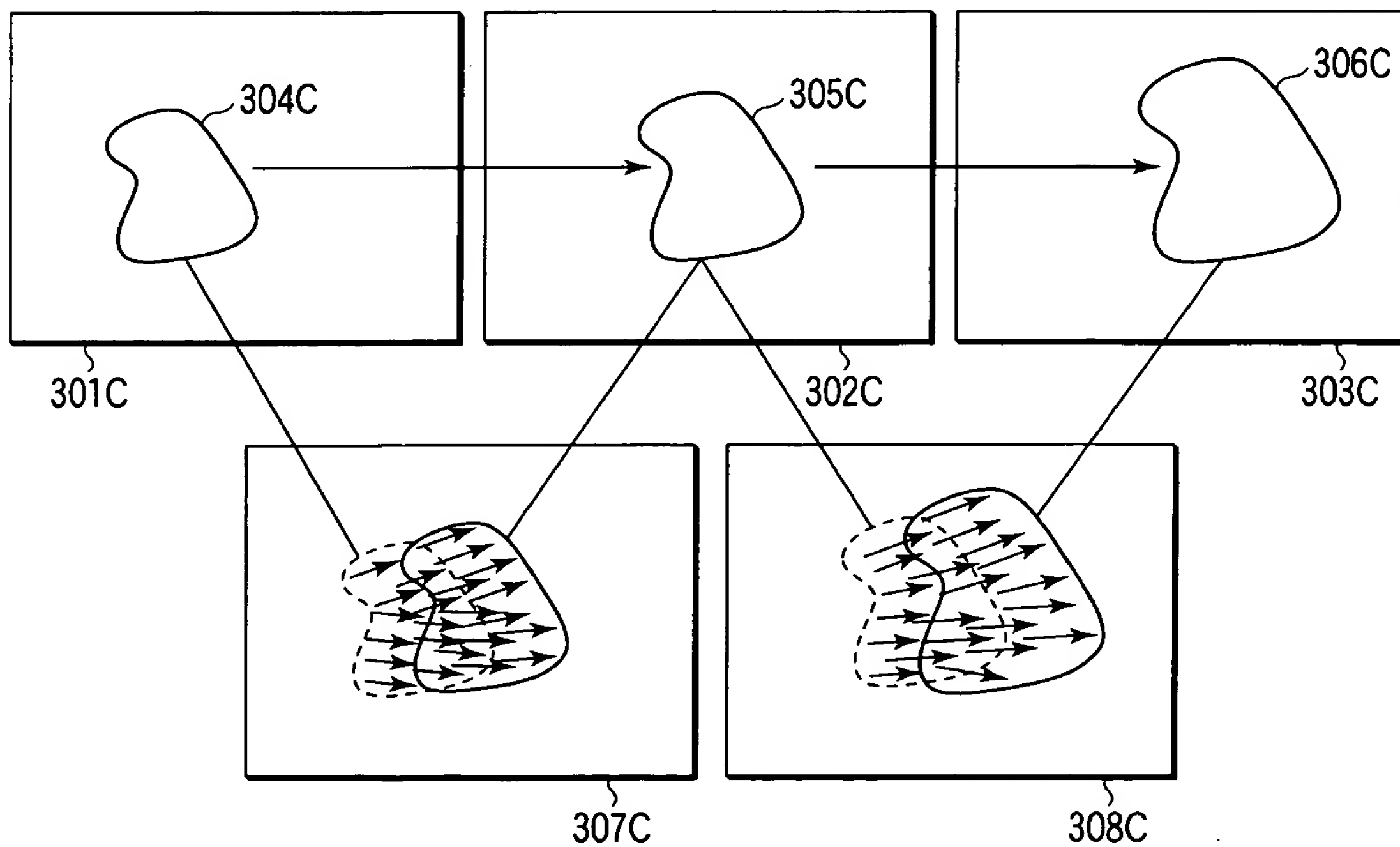


FIG. 60

FIG. 59 OF 51

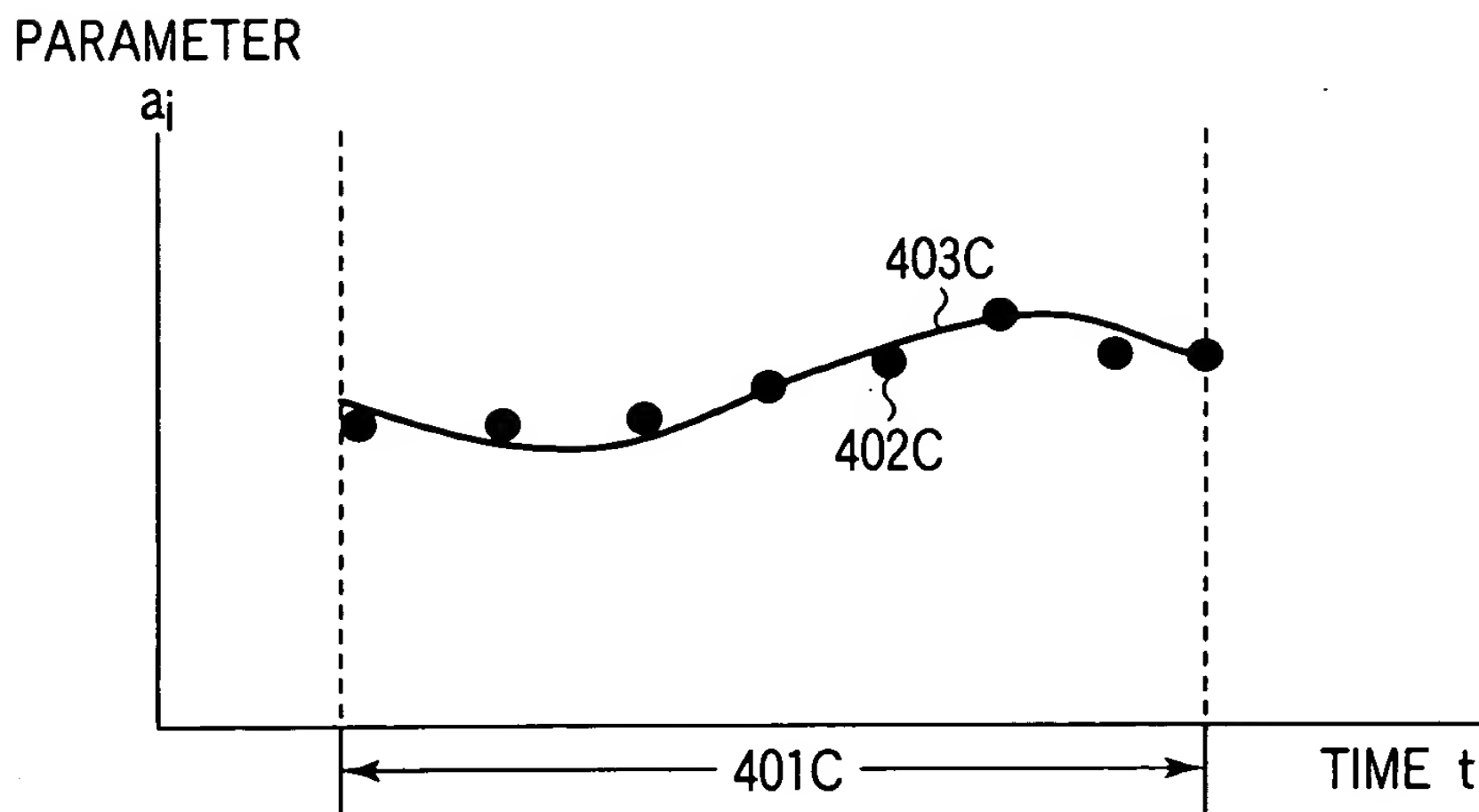


FIG. 61

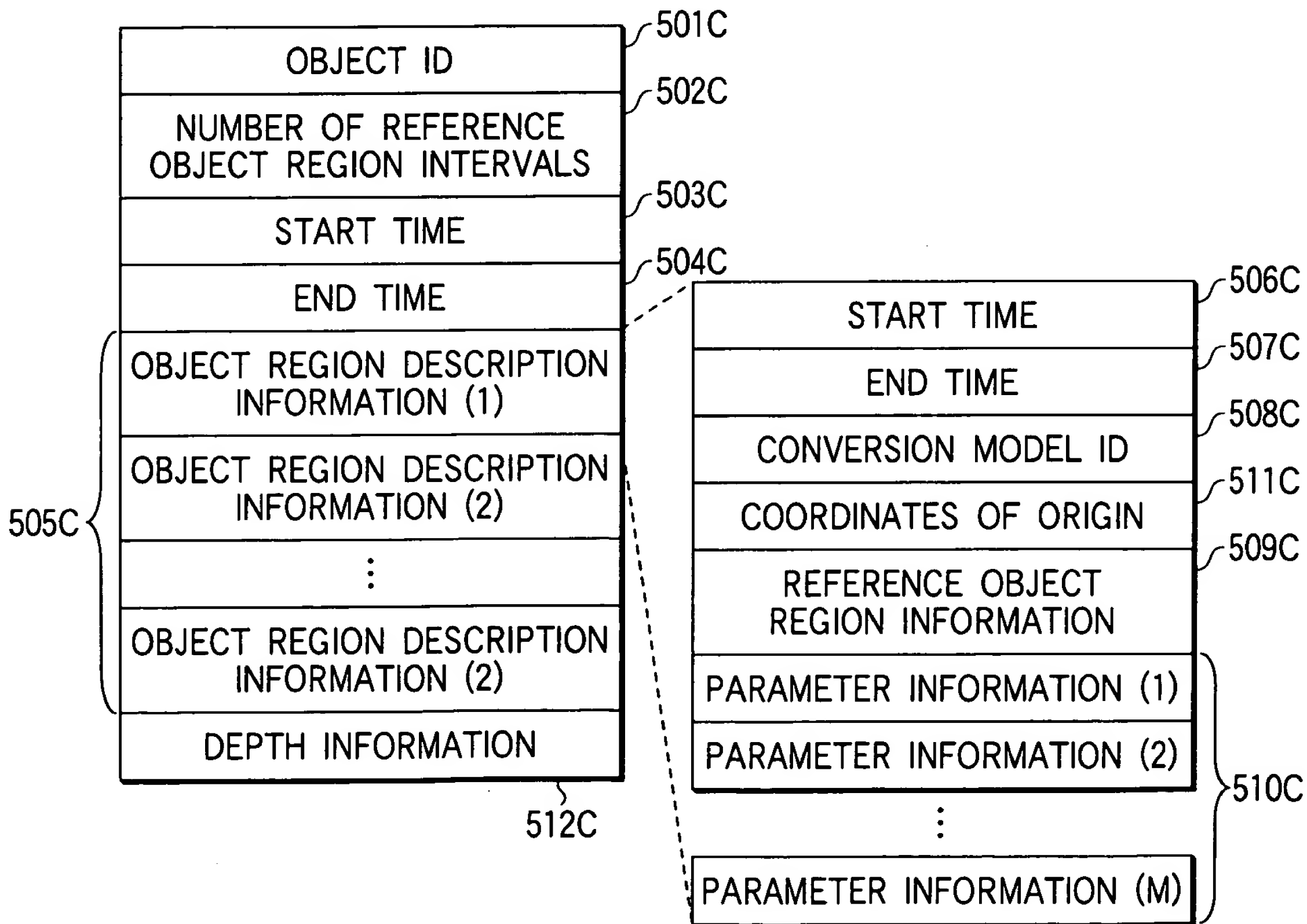


FIG. 62

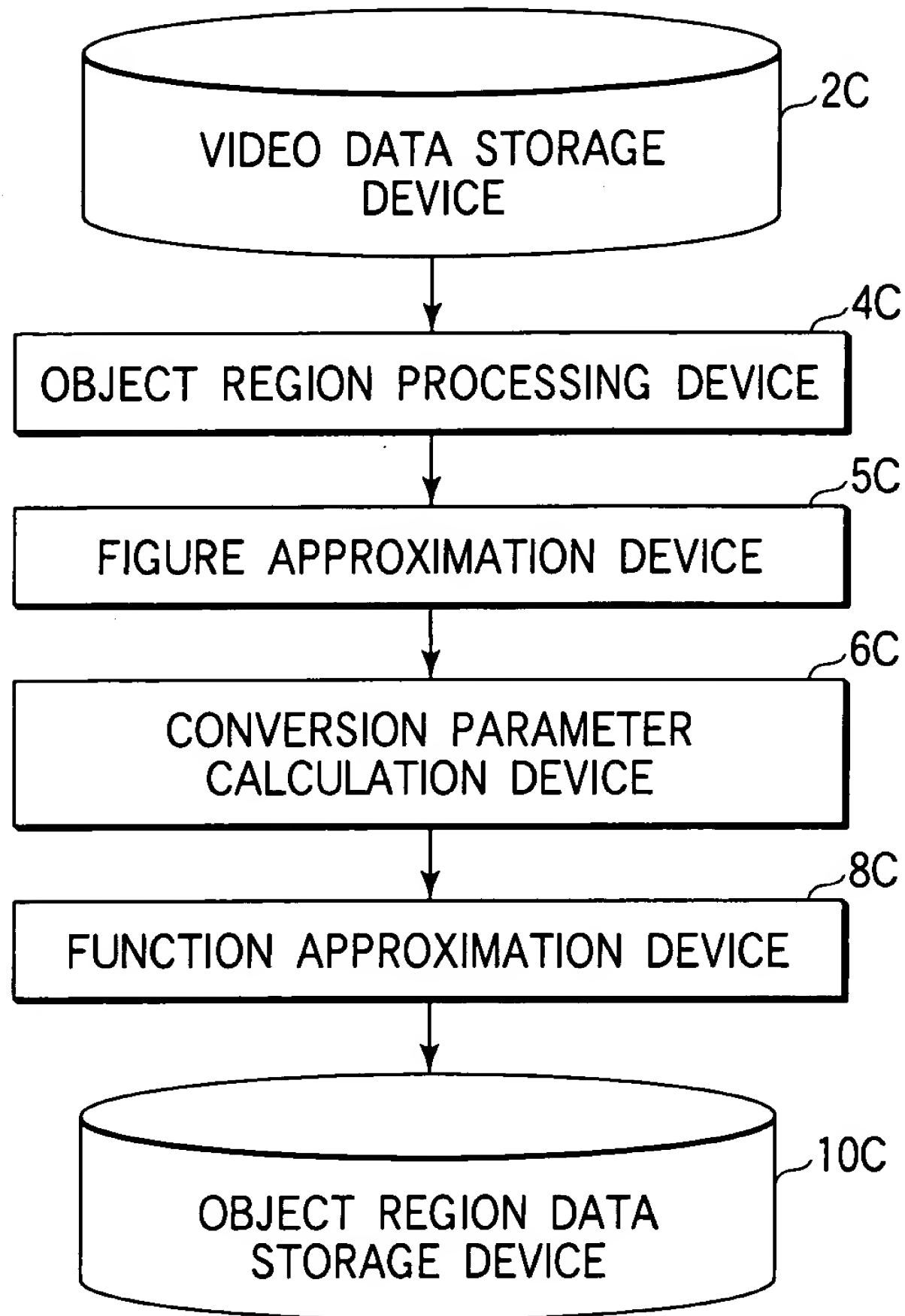


FIG. 63

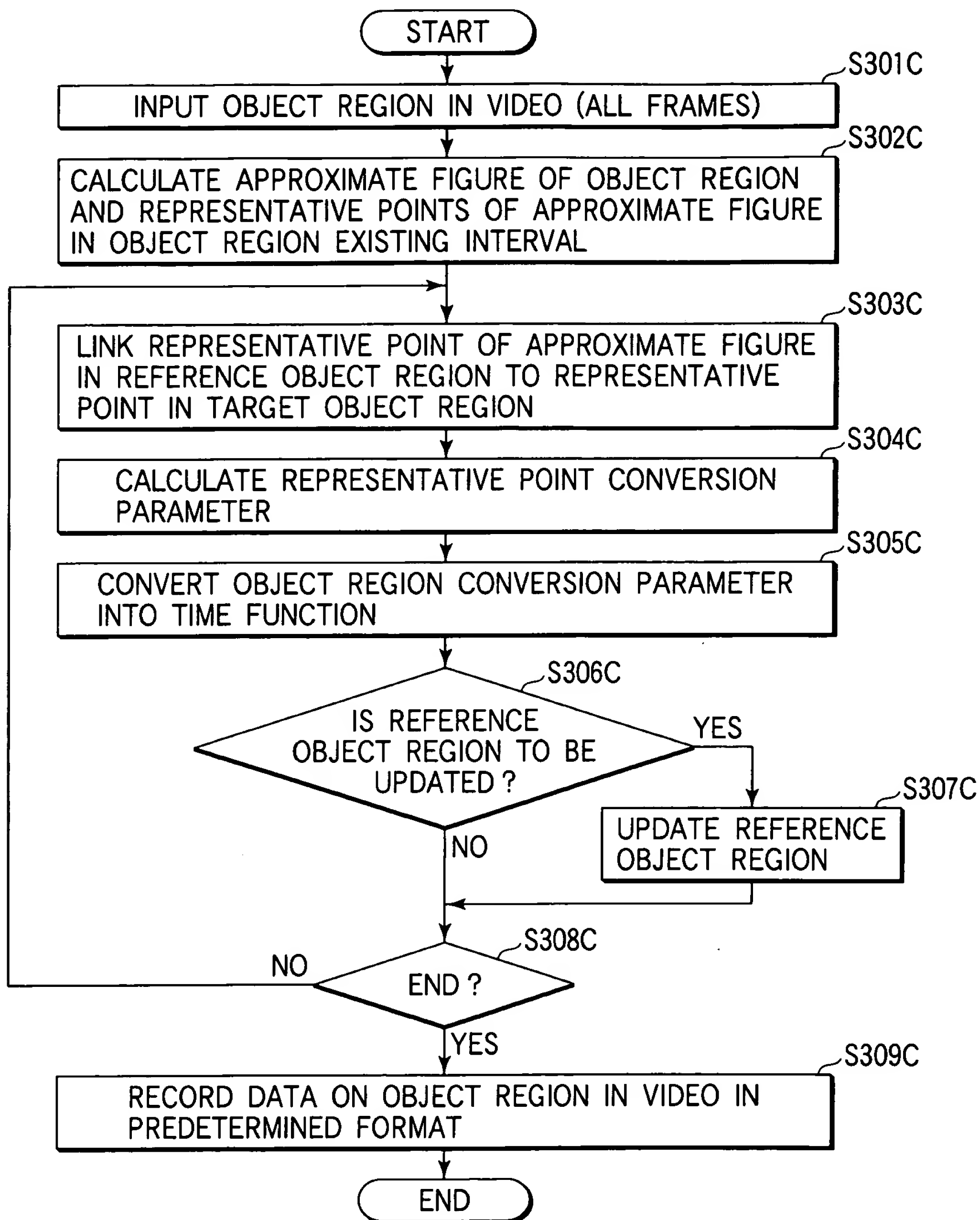


FIG. 64

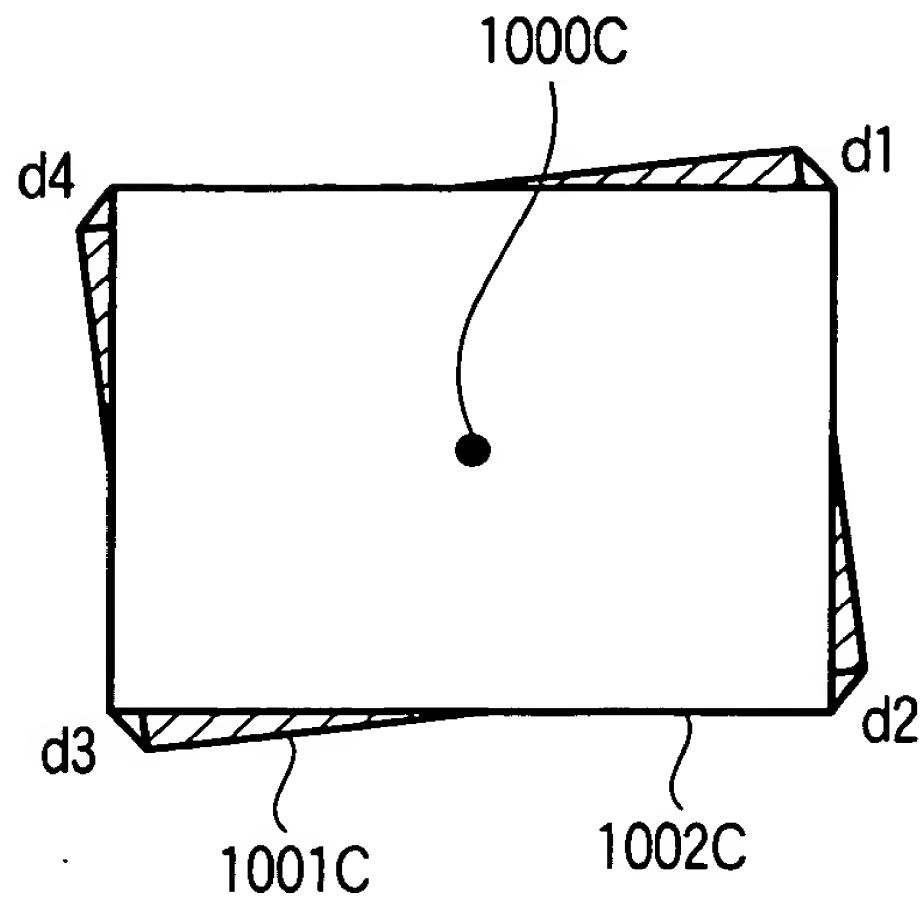


FIG. 65

MOVEMENT MODEL APPROXIMATE FIGURE	ENLARGEMENT/ REDUCTION	ROTATION	PARALLEL TRANSLATION	4-PARAMETER CONVERSION	AFFINE CONVERSION	PROJECTION CONVERSION	PARABOLIC CONVERSION
RECTANGLE, ELLIPSE (WITHOUT GRADIENT)	○	×	○	×	×	×	×
RECTANGLE, ELLIPSE (WITH GRADIENT)	○	○	○	○	×	×	×
PARALLELOGRAM	○	○	○	○	○	×	×
POLYGON (NUMBER OF VERTEXES > 11)	○	○	○	○	○	○	○

FIG. 66

FIG. 65

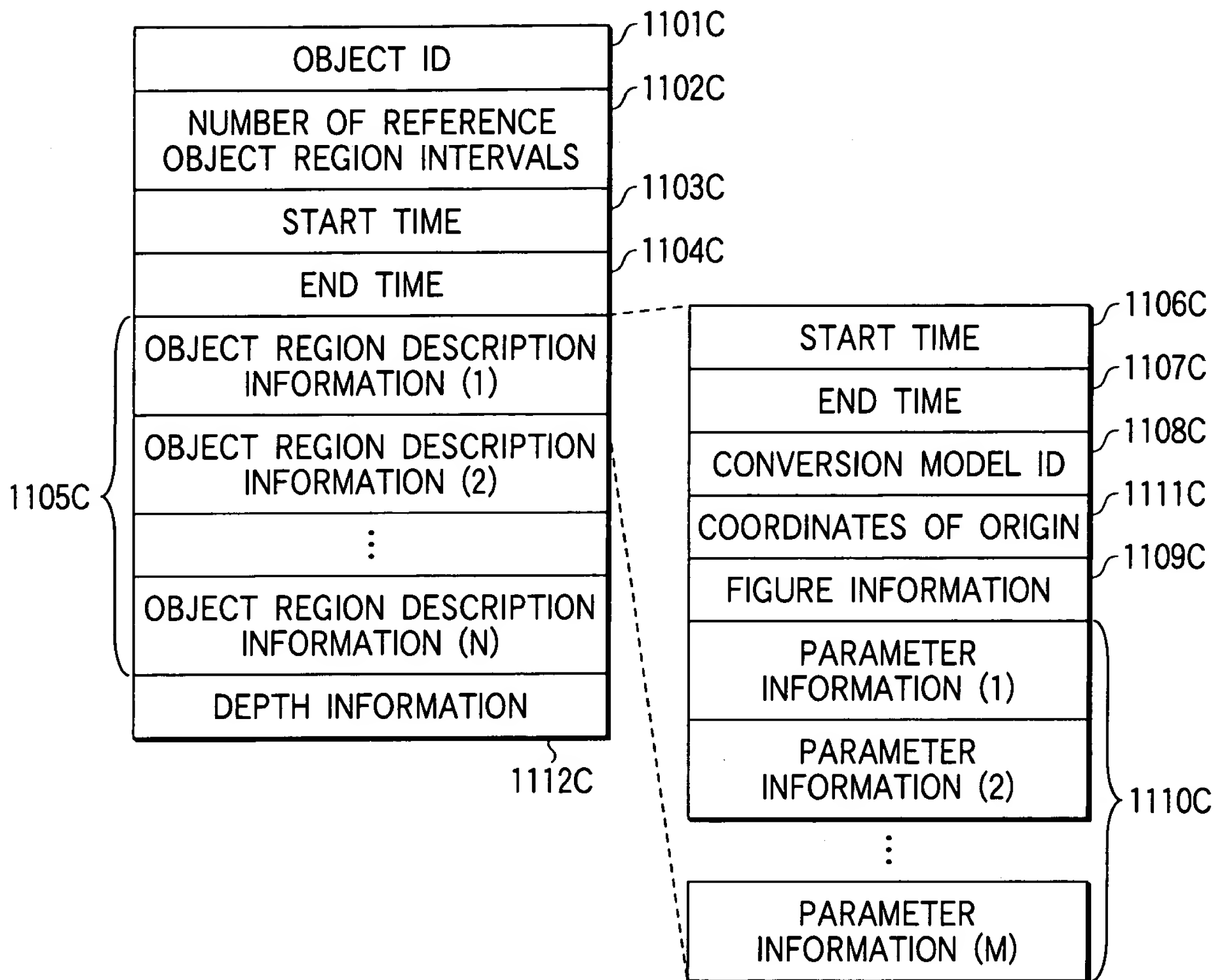


FIG. 67

FIG. 68

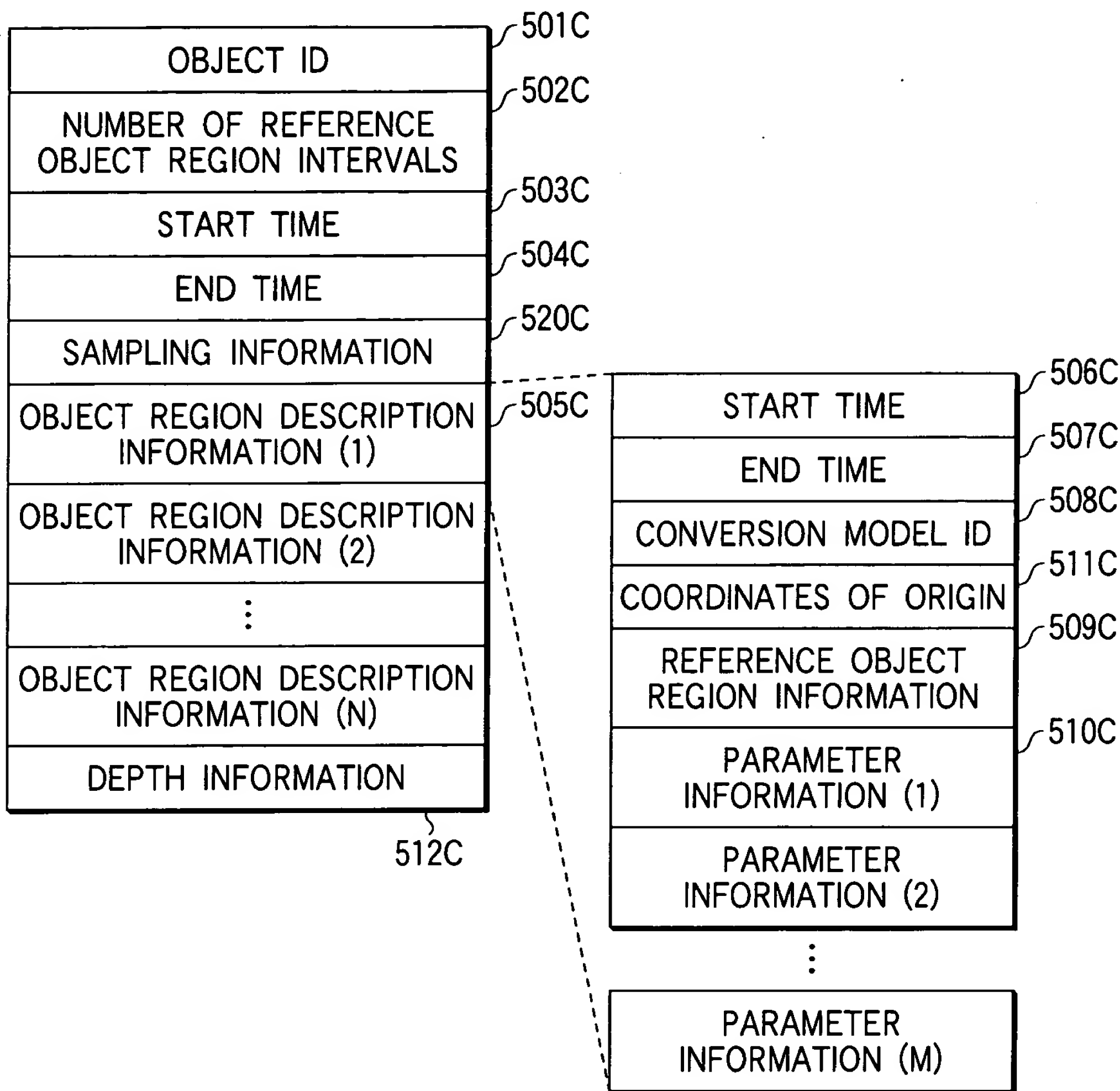


FIG. 68

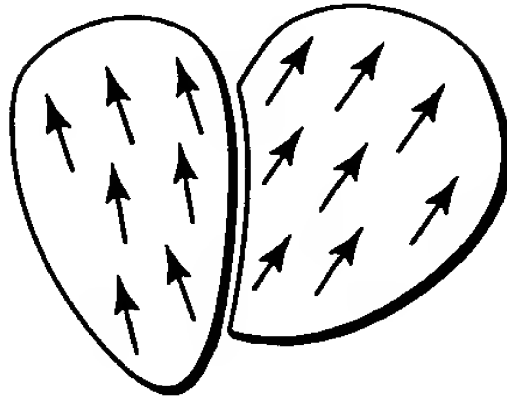


FIG. 69

